



R A D I A T O R S  
T O W E L R A I L S

C A T A L O G U E N ° 7





Cordivari company has a proven industrial tradition and is now one of the most important manufacturers in the heating and plumbing industry in Italy.

Founded in 1972 by Ercole Cordivari, the company is producing calorifiers & buffer tanks, solar thermal systems, compressed air receivers, design radiators, chimney flues and food containers. Cordivari plants are situated on an area of 370.000 square meters and employs more than 600 employees.



Thanks to its development strategies, all to new technologies and to the training of new human focused resources, Cordivari is equipped with modern structures and advanced production processes.



All the products are designed and produced in Italy and the technological, ergonomic and ecological choices allow to work respecting the humans and its environment. UNI EN ISO 14001 environment managing system and UNI EN ISO 9001 Quality system are perfectly integrated to grant and ensure company's main goals and values.

The highly qualified management, the constant research for innovative solutions and the extremely customer-oriented company policy, stands for the leading market position and the exclusive know-how in the field of integrated heating systems, that the Cordivari group has acquired. All this is the result of a continuous commitment to achieve Customer Satisfaction.



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## ARDESIA®

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- Ardesia® for replacement

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ARDESIA®

## TOWEL RAILS

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- Lucy 25	60	268
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- Gloria 22	66	276
- Dory	76	284



- Katia VX
- Kelly 5010
- Samira
- Federica

	82	286
	86	292
	94	294
	98	298



TOWEL RAILS



## ELECTRIC AND BLOWER

- Ardesia® electric	24	300
- Claudia® electric	42	302
- Claudia® Blower	44	328
- Lucy 18 electric	58	304
- Gloria 22 electric	70	306
- Gloria 22 Blower	74	332
- Dory electric	78	310
- Dory Blower	80	336
- Kelly 5010 electric	88	312



- Kelly 5010 Blower	90	340
- Elen 18 electric stainless steel	106	316
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ELECTRIC

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- Elen 22 stainless steel	108	352
- Sandy stainless steel	110	356
- Leila stainless steel	112	358
- Stefania stainless steel	114	360
- Alessandra stainless steel	118	364
- Laura stainless steel	122	366



- Giada 18 stainless steel
- Elsa stainless steel

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STAINLESS STEEL



## LIVING DESIGN

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- Arianna Tandem	184	428
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- Doriana	188	434
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RADIATORS



## HEATING/COOLING

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	200	446
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VENTILATION RADIATORS

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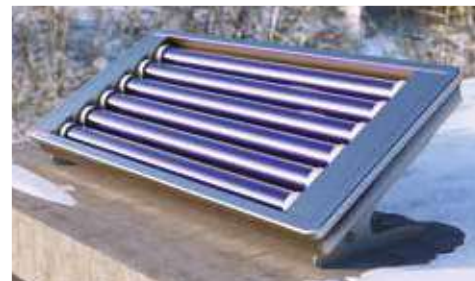
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MY WAY® ACCESSORIES AND TECHNICAL SUPPORT

# #solu



# tions

## #solutions

100% Made in Italy production, that has constantly evolved over the years.

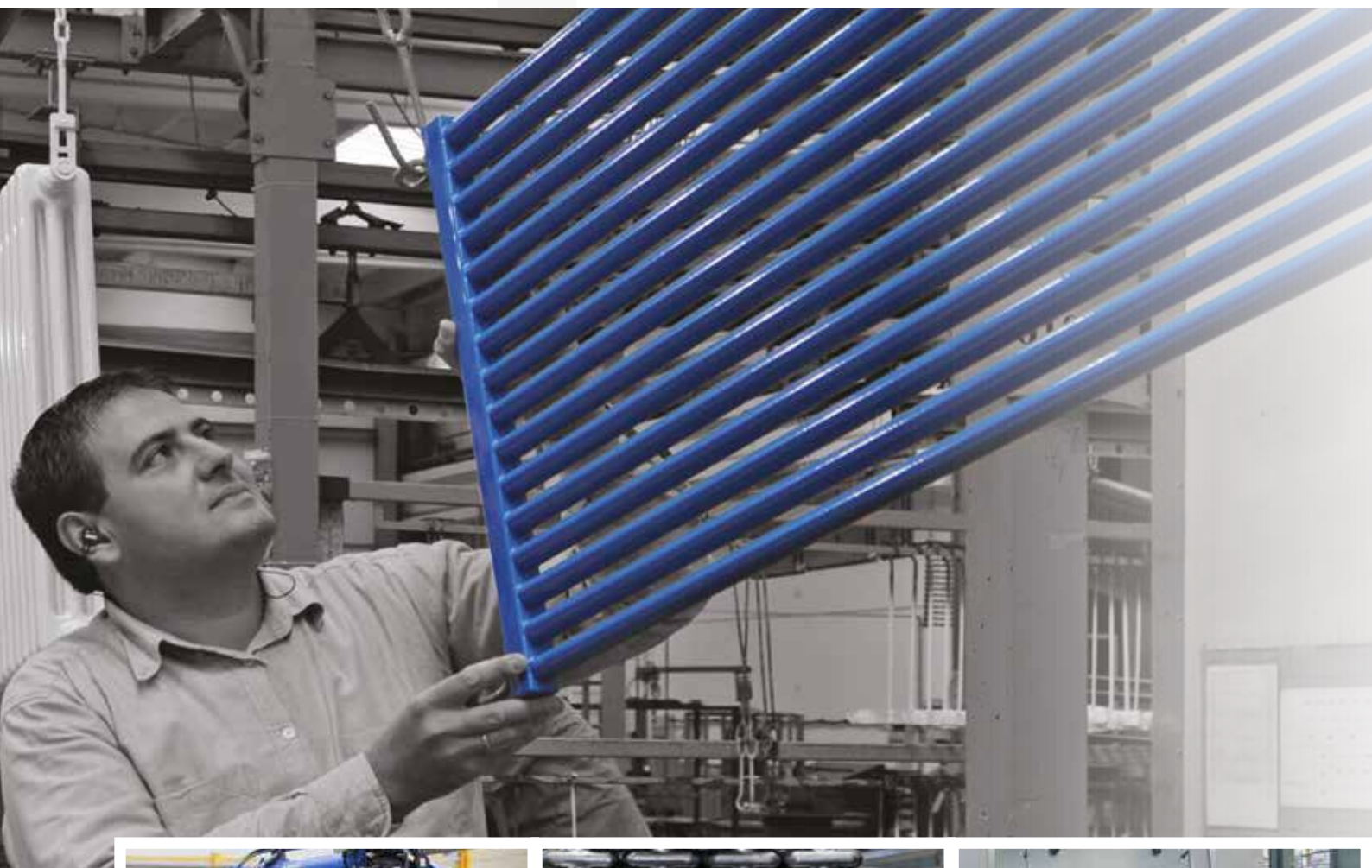
The historical products of Cordivari have been joined by systems and solutions that are the result of research and development, and that today represent strategic assets for the growth and the future of the company. Today the production philosophy is essentially oriented towards high efficiency products designed to optimize the comfort and energy efficiency of buildings.

In designing and developing the proposed systems, Cordivari uses innovative solutions able to combine comfort, energy performance and savings, through the use of latest generation technologies and renewable sources.





# #aqua



# itv

## #quality

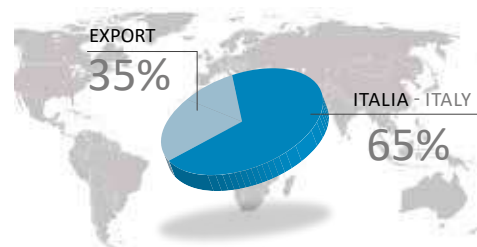
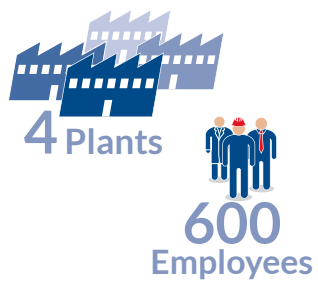
The Cordivari products featured in this catalog respond to the most important and stringent international certifications and approvals.

All radiators are manufactured in full compliance with the harmonized European standard EN 442-1-2 and CE marked in accordance with all directives governing this marking.

Among the other certifications obtained, the NF marking, the certification of the painting process according to DIN 55900 1-2 and the certification of conformity of the fixing systems according to VDI6036.



# #know





# V-how

## #know-how

Thanks to the experience gained in over 40 years of activity, the Cordivari company has contributed to the evolution of the sector introducing innovative solutions on the market, oriented towards design, savings and domestic comfort. Cordivari has been the protagonist of the evolution of the design and functionality of the heating terminals thanks to the introduction of innovations in the field of technics, processes and materials.

At the end of the 80s it was the first company to introduce on the market a decorative radiator made of stainless steel, from which a whole line of products was born, and over the years has become a “cult” of the sector and a hallmark of the company.

Today the Cordivari range of radiators is the most complete on the market, with over 100 models that explore every material, ranging from tubular to towel warmers, from decorative radiators to heating bodies designed in collaboration with the most prestigious international representatives.





**ardesia®**



# TUBULAR **ARDESIA®**



IN PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
2 columns; 12 elements; L: 552 mm; H: 1800 mm - Watt 1609  
accessories: kristal manual square valve

# ARDESIA®

## 2 COLUMNS

page 216 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F23 Sparkling Grey

2 columns; 21 elements; L: 966 mm; H: 656 mm; pipe centres: 600 mm - Watt 1071  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: RAL 3003 - R08 Ruby red  
3 columns; 14 elements; L: 644 mm; H: 1800 mm - Watt 2523  
accessories: kristal square valve



# ARDESIA®

## 3 COLUMNS

page 218 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
3 columns; 10 elements; L: 460 mm; H: 2000 mm - Watt 1990  
accessories: kristal square valve; wood shelf





IN PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
4 columns; 15 elements; L: 690 mm; H: 1800 mm - Watt 3399  
accessories: kristal square holders kit

# ARDESIA®

## 4 COLUMNS

page 220 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
4 columns; 30 elements; L: 1380; H: 656 mm; pipe centres: 600 mm - Watt 2748  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
5 columns; 18 elements; L: 828 mm; H: 750 mm - Watt 2246  
accessories: kristal square valve whit thermostatic option



# ARDESIA®

## 5 COLUMNS


page 222 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F28 Shiny Trasparent  
5 columns; 19 elements; L: 874 mm; H: 756 mm; pipe centres: 700 mm - Watt 2109  
accessories: kristal square valve



# ARDESIA®

## 6 COLUMNS

page 224 



IN PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
6 columns; 28 elements; L: 1288 mm; H: 400 mm - Watt 2444  
accessories: kristal square valve







# ARDESIA® ELECTRIC

page 300 



IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
L: 982 mm; H: 600 mm - Watt 1500





IN PICTURE  
**ARDESIA® CURVED** - page 239  
material: painted carbon steel  
colour: S07 Graphite  
3 columns; 26 elements; H: 600 mm - Watt 1695

# ARDESIA®

SPECIAL EXECUTIONS

page 239 



IN PICTURE  
**ARDESIA® BENCH**  
page 236


IN THE BELOW PICTURE  
**ARDESIA® ANGLED** - page 239  
material: painted carbon steel  
colour: R22 Stone Grey  
3 columns; 13 elements (side 1); 13 elements (side 2); H: 1600 mm - Watt 4334





# ARDESIA®

## HYGIENIC

page 238 



IN PICTURE  
material: painted carbon steel  
colour: RAL 9016 - R02 Traffic white  
3 columns; 18 elements; L: 1151; H: 600 mm - Watt 1174 (x2)







# TOWEL RAILS

## RADIATORS





IN PICTURE  
material: painted carbon steel  
colour: H27 Bright red  
L: 500 mm; H: 1411 mm - Watt 719  
accessories included in the Elite version: kristal square valve; kit 2 hooks

# CLAUDIA® ELITE

page 242 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: RAL 1013 - R40 Pearl White  
L: 500 mm; H: 1411 mm - Watt 719  
accessories included in the Elite version: kristal square valve; kit 2 hooks







IN PICTURE  
material: painted carbon steel  
colour: RAL 8017 - R09 Dark brown  
L: 450 mm; H: 1411 mm - Watt 648  
accessories:  
kristal square valve








# CLAUDIA<sup>®</sup>

## WIDE

page 248 

IN PICTURE  
material: painted carbon steel  
colour: S02 Manhattan  
L: 1200 mm; H: 620 mm - Watt 712  
accessories: kristal square valve



# CLAUDIA® CURVED

page 250 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: H56 Lavic stone  
L: 500 mm; H: 1411 mm - Watt 742  
accessories: kristal square valve







# CLAUDIA<sup>®</sup>

## SQUARE

page 252 



IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: F31 Corten Brown  
L: 490 mm; H: 1819 mm - Watt 944  
accessories: kristal square valve





# CLAUDIA<sup>®</sup>

## ELECTRIC

page 302 



IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: T12 Matt Light Grey  
L: 500 mm; H: 1807 mm - Watt 900  
Digital thermostat Plus





IN PICTURE  
**CLAUDIA® BLOWER**  
material: painted carbon steel  
colour: H09 Lake  
L: 500 mm; H: 1195 mm - Watt 750+1000  
optional: wireless RF remote control

# CLAUDIA® BLOWER

page 328 



IN THE BELOW PICTURE

**CLAUDIA® BLOWER DUAL ENERGY** - page 330

material: painted carbon steel

colour: R01 White

L: 500 mm - H: 1195 mm - Watt 595+1000 (blower)

accessories: kristal square valve







# ANNA

page 254 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: H24 Mango  
L: 500 mm; H: 1454 mm - Watt 639  
accessories: kristal square valve







IN PICTURE  
material: painted carbon steel  
colour: S02 Manhattan  
L: 500 mm; H: 1430 mm - Watt 575  
accessories: kristal valve corner



# NAUSICA

page 256 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: RAL 7001 - R21 Silver grey  
L: 500 mm; H: 1130 mm - Watt 472  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: RAL 9016 - R02 Traffic white  
L: 530 mm; H: 1600 mm - Watt 699  
accessories: kristal square valve pipe centres 50 mm

# NAIKE SQUARE

page 258 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: H48 Dove  
L: 530 mm; H: 1600 mm - Watt 699  
accessories: kristal polished square valve





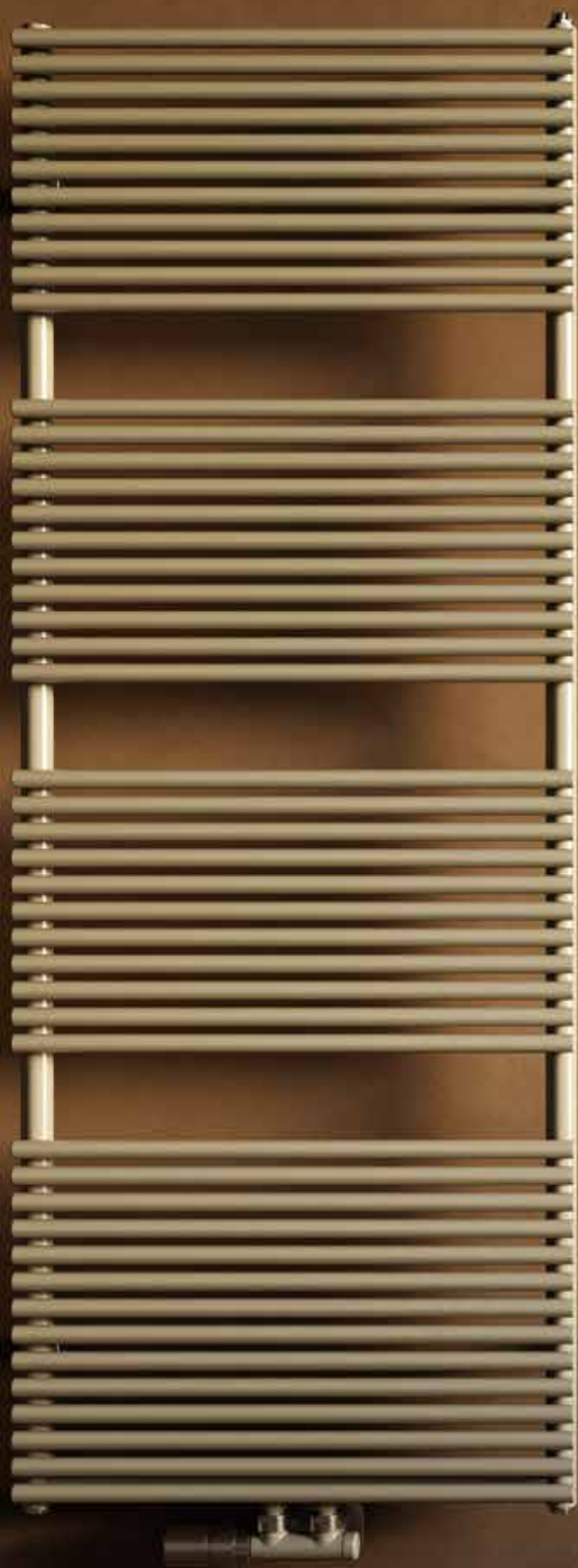
NEW



# NAIKE ROUND

page 260 

IN PICTURE  
material: painted carbon steel  
colour: R26 Weissgrün  
L: 530 mm - H: 1320 mm - watt 651  
accessories: kristal square valve



IN PICTURE  
material: painted carbon steel  
colour: RAL 7030 - R22 Stone Grey  
L: 480 mm; H: 1410 mm - Watt 838  
accessories: kristal square valve pipe centres 50 mm



# LUCY 18

page 262 

IN THE BELOW PICTURE

**LUCY 18 PLUS** - page 264

material: painted carbon steel

colour: F37 Denim Blue

L: 480 mm; H: 1410 mm - Watt 1183

accessories: kristal square valve





# LUCY 18 WIDE

page 266 



IN PICTURE  
material: painted carbon steel  
colour: S07 Graphite  
L: 600 mm; H: 1400 mm - Watt 822  
accessories: kristal square valve



# LUCY 18

## ELECTRIC

page 304 



IN PICTURE  
material: painted carbon steel  
colour: F20 Milky  
L: 480 mm; H: 1410 mm - Watt 900  
Digital thermostat WiFi





IN PICTURE  
material: painted carbon steel  
colour: F25 Quartz Dust  
L: 530 mm; H: 1441 mm - Watt 812  
accessories: kristal square valve



# LUCY 25

page 268 

IN THE BELOW PICTURE  
**LUCY 25 PLUS** - page 270  
material: painted carbon steel  
colour: F34 Red Sand  
L: 530 mm; H: 1441 mm - Watt 1250  
accessories: kristal square valve







# LUCY 25

## CHROMED


page 272 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
chrome finish  
L: 480 mm; H: 1441 mm - Watt 580  
accessories: kristal square valve





# GLORIA 18

page 274 



IN PICTURE  
material: painted carbon steel  
colour: T15 Tela  
L: 530 mm - H: 1500 mm - Watt 750  
accessories: kristal square valve



IN PICTURE  
material: painted carbon steel  
colour: S02 Manhattan  
L: 580 mm; H: 1500 mm - Watt 860  
accessories: kristal square valve pipe centres 50 mm



# GLORIA 22

page 276 

IN THE BELOW PICTURE  
**GLORIA 22 PLUS** - page 278  
material: painted carbon steel  
colour: S07 Graphite  
L: 530 mm; H: 1500 mm - Watt 1154  
accessories: kristal square valve





# GLORIA 22

## CHROMED

page 280 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
chrome finish  
L: 530 mm; H: 1500 mm - Watt 740  
accessories: kristal square valve







IN PICTURE  
material: painted carbon steel  
colour: RAL 9005 - R13 Jet black  
L: 580 mm; H: 1500 mm - Watt 900  
Digital thermostat Eco

# GLORIA 22 ELECTRIC

page 306 



IN THE BELOW PICTURE  
**GLORIA 22 CHROMED ELECTRIC** - page 308  
material: painted carbon steel  
chrome finish  
L: 580 mm; H: 1500 mm - Watt 700  
Digital thermostat Eco



# GLORIA 22

## WIDE

page 282 



### IN PICTURE

material: painted carbon steel  
colour: RAL 9005 - R13 Jet black  
L: 1200 mm; H: 400 mm - Watt 460  
accessories: kristal square valve







IN PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
L: 530 mm; H: 1500 mm - Watt 1000+1000  
optional: wireless RF remote control



# GLORIA 22 BLOWER

page 332 

IN THE BELOW PICTURE  
**GLORIA 22 BLOWER DUAL ENERGY** - page 334

material: painted carbon steel

colour: RAL 7001 - R21 Silver grey

L: 530 mm - H: 1500 mm - Watt 591+1000 (dual energy)

accessories: kristal square valve

optional: wireless RF remote control







# DORY

page 284 




IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: RAL 1013 - R40 Pearl White  
L: 500 mm; H: 1512 mm - Watt 767  
accessories: kristal square valve





# DORY ELECTRIC

page 310 



IN PICTURE  
material: painted carbon steel  
colour: F23 Sparkling Grey  
L: 500 mm; H: 1512 mm - Watt 900  
Digital thermostat WiFi



IN PICTURE  
material: painted carbon steel  
colour: S16 Canary  
L: 500 mm; H: 1512 mm - Watt 1000+1000  
optional: wireless RF remote control

# DORY BLOWER

page 336 

IN THE BELOW PICTURE

**DORY BLOWER DUAL ENERGY** - page 338

colour: RAL 7001 - R21 Silver grey

L: 500 mm - H:1512 mm - Watt 767+1000 (dual energy)

accessories: kristal square valve

optional: wireless RF remote control







IN PICTURE  
material: painted carbon steel  
colour: S17 Bahama Beige  
L: 500 mm; H: 1450 mm - Watt 892  
accessories: kristal square valve

# KATIA VX

page 286 

IN THE BELOW PICTURE  
**KATIA VX PLUS** - page 288  
material: painted carbon steel  
colour: F26 Dark Alluminium  
L: 500 mm; H: 1450 mm - Watt 1200  
accessories: kristal square valve







# KATIA VX

## WIDE

page 290 



IN PICTURE  
material: painted carbon steel  
colour: H 27 Bright red  
L: 1400 mm; H: 400 mm - Watt 535  
accessories: kristal square valve



IN PICTURE  
material: painted carbon steel  
colour: F37 Denim Blue  
L: 500 mm; H: 1312 mm - Watt 563  
left version  
accessories: kristal square valve pipe centres 50 mm

# KELLY 5010

page 292 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F38 Sandston  
L: 500 mm; H: 1312 mm - Watt 563  
right version  
accessories: kristal square valve pipe centres 50 mm  
central connection version







IN PICTURE  
material: painted carbon steel  
colour: F06 Nero Ruvido Metallizzato  
L: 500 mm; H: 1312 mm - Watt 700  
versione SX  
Digital thermostat WiFi

# KELLY 5010

## ELECTRIC

page 312 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: T10 Matt beige  
L: 500 mm; H: 1312 mm - Watt 700  
right version  
Digital thermostat Eco





IN PICTURE  
material: painted carbon steel  
colour: F25 Quartz Dust  
L: 600 mm; H: 1433 mm - Watt 750+1000  
Blower version left  
optional: wireless RF remote control



# KELLY 5010

## BLOWER

page 340 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
L: 600 mm; H: 1433 mm - Watt 750+1000  
Blower version right  
optional: wireless RF remote control






IN PICTURE  
material: painted carbon steel  
colour: RAL 7001 - R21 Silver grey  
L: 600 mm; H: 1368 mm - Watt 750+1000 (dual energy)  
Blower dual energy version left  
accessories: kristal square valve  
optional: wireless RF remote control

# KELLY 5010

## BLOWER DUAL ENERGY

page 344 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F32 Grey sky  
L: 600 mm; H: 1368 mm - Watt 750+1000 (dual energy)  
Blower dual energy version right  
accessories: kristal square valve  
optional: wireless RF remote control







# SAMIRA

page 294 




IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
L: 1385 mm; H: 500 mm - Watt 693  
accessories: kristal square valve







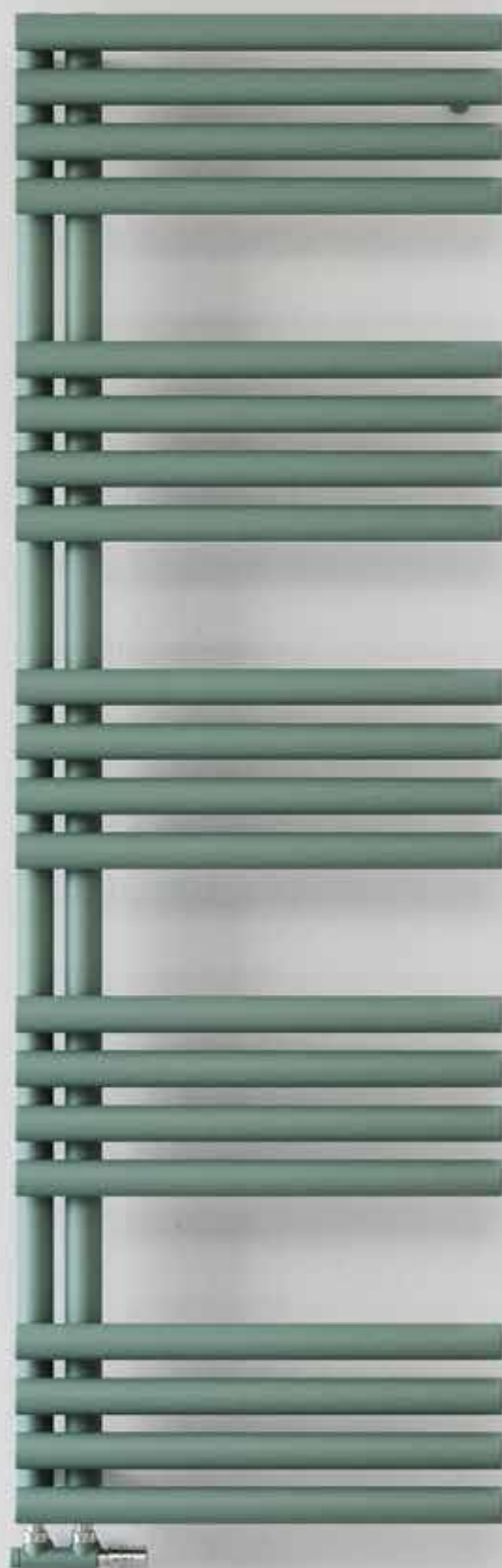
# SAMIRA WIDE

page 296 



IN PICTURE  
material: painted carbon steel  
colour: F37 Denim Blue  
L: 1000 mm; H: 480 mm - Watt 507  
accessories: kristal valve corner

NEW



# FEDERICA

page 298 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: F33 Emerald Sand  
L: 500 mm - H: 1550 mm - watt 732  
accessories: kristal square valve pipe centres 50 mm





# STAINLESS STEEL RADIATORS

## INOX RANGE



IN PICTURE

### ELEN 18 POLISHED STAINLESS STEEL

material: polished stainless steel

L: 580 mm; H: 1410 mm - Watt 978

accessories: kristal square valve





# ELEN 18

## POLISHED | SATIN STAINLESS STEEL

page 346 

IN THE BELOW PICTURE  
**ELEN 18 SATIN STAINLESS STEEL**  
material: satin stainless steel  
L: 580 mm; H: 1410 mm - Watt 1020  
accessories: kristal square valve



INOX RANGE



# ELEN 18 WIDE POLISHED STAINLESS STEEL

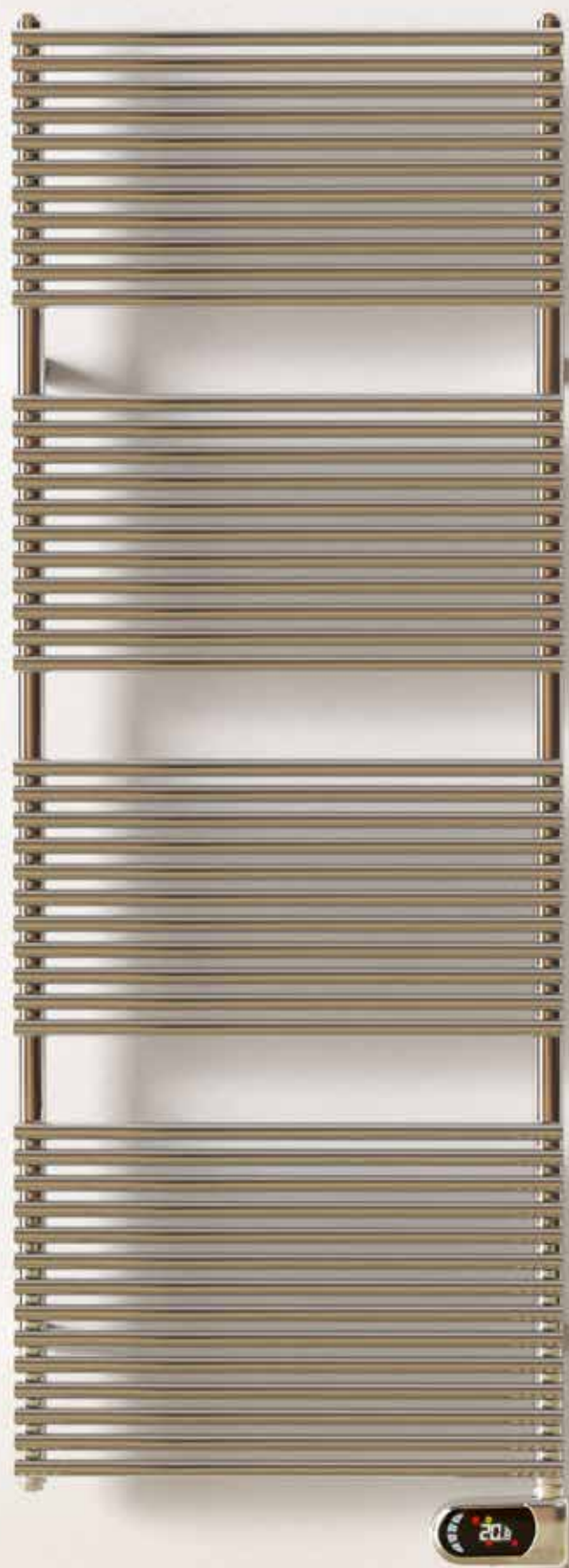
page 350 



IN PICTURE  
material: polished stainless steel  
L: 1428 mm; H: 600 mm - Watt 822  
accessories: kristal square valve



## INOX RANGE



# ELEN 18

## ELECTRIC

### POLISHED STAINLESS STEEL

page 316 



IN PICTURE ON THE LEFT  
material: polished stainless steel  
L: 500 mm; H: 1410 mm - Watt 700  
Digital thermostat WiFi





NEW

INOX RANGE



IN PICTURE  
**ELEN 22 SATIN STAINLESS STEEL**  
material: satin stainless steel  
L: 530 mm; H: 1490 mm - Watt 604  
accessories: kristal valve corner



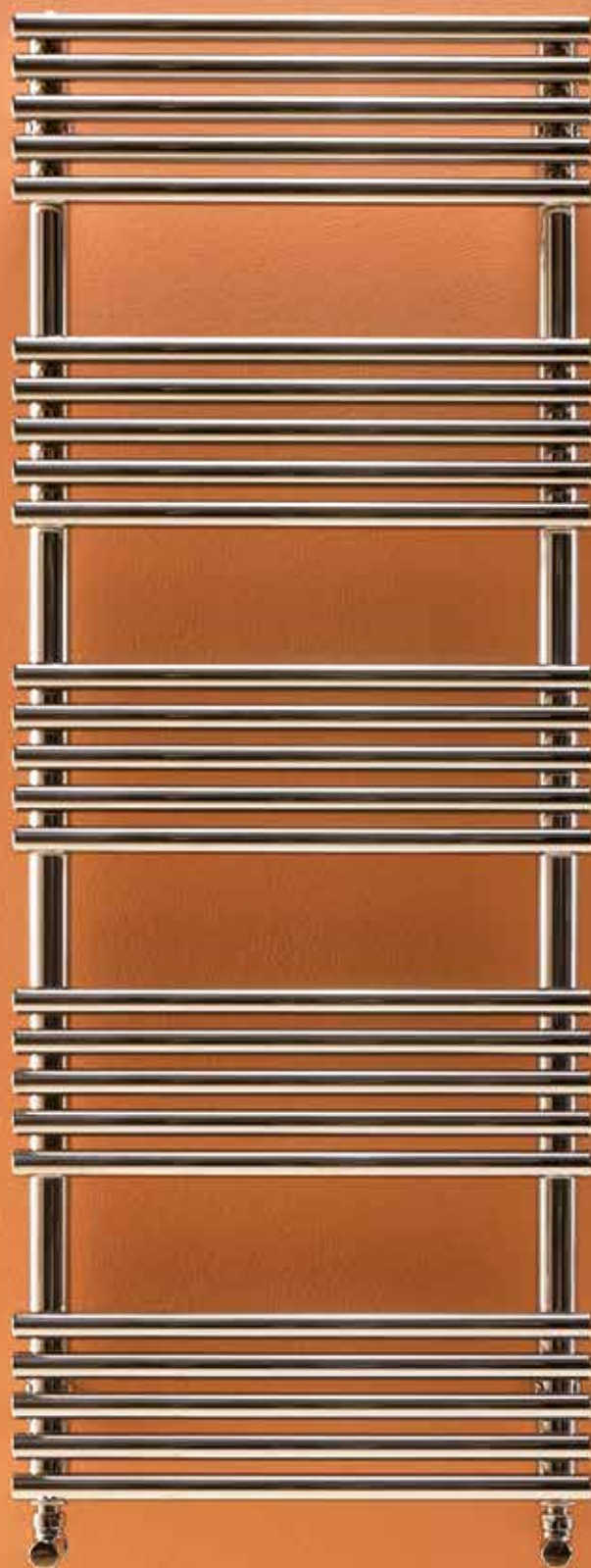
# ELEN 22

## POLISHED | SATIN STAINLESS STEEL

page 352 

IN THE BELOW PICTURE  
**ELEN 22 POLISHED STAINLESS STEEL**  
material: polished stainless steel  
L: 530 mm; H: 1490 mm - Watt 643  
accessories: kristal square valve





IN PICTURE  
material: polished stainless steel  
L: 500 mm; H: 1295 mm - Watt 475  
accessories: kristal square valve

# SANDY

## POLISHED STAINLESS STEEL

page 356 

IN THE BELOW PICTURE  
**SANDY ELECTRIC** - page 318  
material: polished stainless steel  
L: 500 mm; H: 1295 mm - Watt 600  
Digital thermostat Top





## INOX RANGE



IN PICTURE  
material: polished stainless steel  
L: 500 mm; H: 1512 mm - Watt 493  
accessories: kristal square valve

# LEILA

## POLISHED STAINLESS STEEL

page 358 

IN THE BELOW PICTURE  
**LEILA ELECTRIC** - page 320  
material: polished stainless steel  
L: 500 mm; H: 1750 mm - Watt 600  
Digital thermostat Top



## INOX RANGE



IN PICTURE  
material: polished stainless steel  
L: 500 mm; H: 1435 mm - Watt 446  
accessories: kristal square valve





# STEFANIA

## POLISHED STAINLESS STEEL

page 360 

IN THE BELOW PICTURE  
**STEFANIA ELECTRIC** - page 322  
material: polished stainless steel  
L: 500 mm; H: 1435 mm - Watt 500  
Digital thermostat Top





# STEFANIA

## SATIN STAINLESS STEEL

page 362 

IN PICTURE ON THE LEFT  
material: satin stainless steel  
L: 500 mm; H: 1435 mm - Watt 491  
accessories: kristal square valve



## INOX RANGE



IN PICTURE  
**ALESSANDRA SATIN STAINLESS STEEL**  
material: satin stainless steel  
L: 530 mm - H: 1580 mm - Watt 372  
accessories: kristal square valve

# ALESSANDRA

## POLISHED | SATIN

## STAINLESS STEEL

page 364 

IN THE BELOW PICTURE  
**ALESSANDRA POLISHED STAINLESS STEEL**  
material: polished stainless steel  
L: 530 mm; H: 1300 mm - Watt 160  
accessories: kristal square valve



## INOX RANGE



CABLE COVER






# ALESSANDRA

## ELECTRIC

### POLISHED STAINLESS STEEL

page 324 



IN PICTURE  
material: polished stainless steel  
L: 530 mm; H: 600 mm - Watt 150

NEW

INOX RANGE



IN PICTURE

**LAURA SATIN STAINLESS STEEL**

material: satin stainless steel

L: 530 mm; H: 1580 mm - Watt 312

accessories: kristal square valve

# LAURA

## POLISHED | SATIN

### STAINLESS STEEL

page 366 

IN THE BELOW PICTURE  
**LAURA POLISHED STAINLESS STEEL**  
material: polished stainless steel  
L: 530 mm; H: 1580 mm - Watt 282  
accessories: kristal square valve






## INOX RANGE

CABLE COVER



# LAURA ELECTRIC POLISHED STAINLESS STEEL

page 326 



IN PICTURE  
material: polished stainless steel  
L: 530 mm; H: 600 mm - Watt 150



IN PICTURE  
**GIADA 18 POLISHED STAINLESS STEEL**  
material: polished stainless steel  
L: 500 mm; H: 1800 mm - Watt 830  
accessories: kristal square valve



# GIADA 18

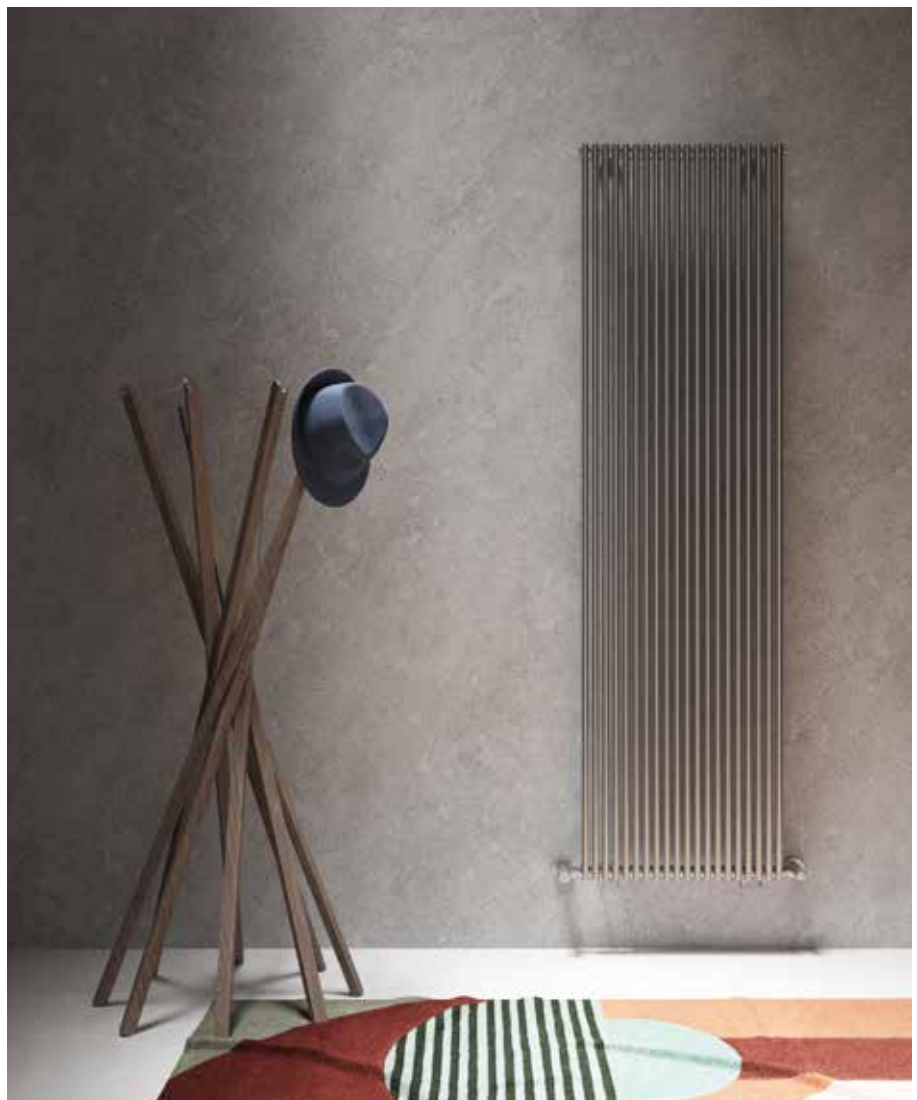
## POLISHED | SATIN

### STAINLESS STEEL

#### VERTICAL

page 368 

IN THE BELOW PICTURE  
**GIADA 18 SATIN STAINLESS STEEL**  
material: satin stainless steel  
L: 500 mm; H: 1800 mm - Watt 863  
accessories: kristal square valve



## INOX RANGE



IN PICTURE

### **GIADA 18 POLISHED STAINLESS STEEL**

material: polished stainless steel  
L: 1400 mm; H: 511 mm - Watt 787  
accessories: kristal square valve

# GIADA 18

## POLISHED | SATIN

### STAINLESS STEEL

#### HORIZONTAL

page 370 

IN THE BELOW PICTURE  
**GIADA 18 SATIN STAINLESS STEEL**  
material: satin stainless steel  
L: 1400 mm; H: 511 mm - Watt 814  
accessories: kristal square valve






INOX RANGE



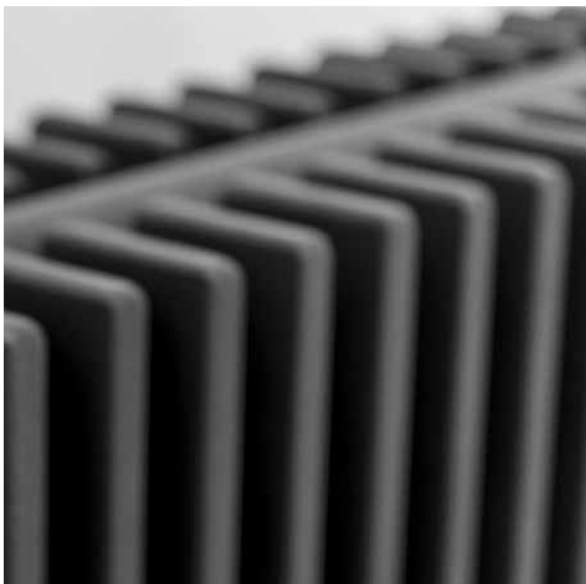
# ELSA

## POLISHED STAINLESS STEEL

page 376 



IN PICTURE  
material: polished stainless steel  
L: 430 mm; H: 1800 mm - Watt 648  
accessories: kristal square valve






# RADIATORS



# ROSY

## VERTICAL

page 378 



IN PICTURE  
material: painted carbon steel  
colour: F36 Terra  
L: 504 mm; H: 1800 mm - Watt 1026  
accessories: kristal square valve







# ROSY

## HORIZONTAL

page 380 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: F30 White Sand  
L: 1400 mm; H: 504 mm - Watt 823  
accessories: kristal square valve



IN PICTURE  
material: painted carbon steel  
colour: RAL 8017 - R09 Dark brown  
L: 504 mm; H: 1800 mm - Watt 1485  
accessories: kristal square valve





# ROSY TANDEM

VERTICAL

page 382 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F36 Terra  
L: 1008 mm; H: 658 mm; pipe centres: 600 mm - Watt 1251  
accessories: kristal square valve







# ROSY TANDEM

## HORIZONTAL

page 384 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
L: 1400 mm; H: 448 mm - Watt 1271  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: F31 Corten Brown  
L: 778 mm; H: 1800 mm - Watt 3251  
accessories: kristal square valve



# ROSY MAX

page 386 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F30 White Sand  
L: 834 mm; H: 640 mm; pipe centres: 600 mm - Watt 1433  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
version: ROSY VERTICAL  
Picture: Il Bacio (P08)  
L: 784 mm; H: 1800 mm - Watt 1596  
accessories: kristal square valve

# ROSY PICTURE

page 388 

IN THE BELOW PICTURE  
material: painted carbon steel  
version: ROSY TANDEM HORIZONTAL  
Picture: Pescatore (P09)  
L: 1400 mm; H: 448 mm - Watt 1271  
accessories: kristal square valve





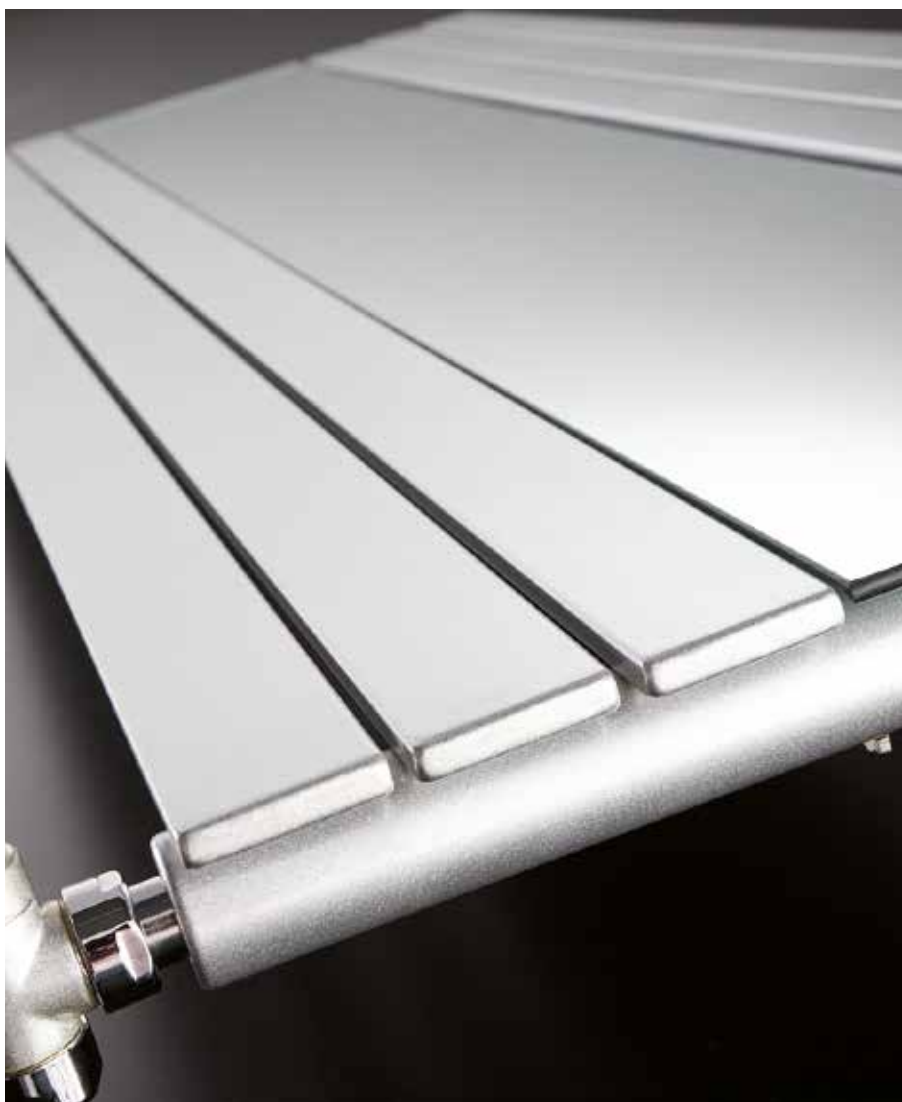




# ROSY MIRROR

page 390 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: F22 Classic gold  
L: 560 mm; H: 1800 mm - Watt 684  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: RAL 9001 - R14 Crema  
L: 473 mm; H: 1800 mm - Watt 1486  
accessories: kristal square valve

# KEIRA

VERTICAL

page 392 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F34 Red Sand  
L: 983 mm; H: 638 mm; pipe centres: 600 mm - Watt 1181  
accessories: kristal square valve







IN PICTURE  
material: painted carbon steel  
colour: F22 Classic gold  
L: 473 mm; H: 1800 mm - Watt 2387  
accessories: kristal square valve

# KEIRA TANDEM

VERTICAL

page 394 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F26 Dark Aluminium  
L: 1043 mm; H: 638 mm; pipe centres: 600 mm - Watt 2121  
accessories: kristal square valve








# KARIN VX

VERTICAL

page 396 



IN PICTURE

material: painted carbon steel

colour: S03 Pergamon

L: 550 mm; H: 1800 mm - Watt 1467

accessories: kristal square valve







# KARIN VX

HORIZONTAL

page 398 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: F38 Sandstone  
L: 1400 mm; H: 550 mm - Watt 1171  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: RAL 9016 - R02 Traffic white  
L: 550 mm; H: 1800 mm ; Watt 2079  
accessories: kristal square valve

# KARIN VX TANDEM

VERTICAL

page 400 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: S16 Canary  
L: 1100 mm; H: 630 mm; pipe centres: 600 - Watt 1758  
accessories: kristal square valve








# KARIN VX TANDEM

HORIZONTAL

page 402 



IN PICTURE

material: painted carbon steel

colour: RAL 9010 - R01 Pure white

L: 1400 mm; H: 450 mm - Watt 1433

accessories: kristal square valve



# ALICE 18

VERTICAL

page 404 




IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: RAL 8007 - R09 Dark brown  
L: 500 mm; H: 1800 mm - Watt 1220  
accessories: kristal square valve





# ALICE 18

HORIZONTAL

page 406 



IN PICTURE  
material: painted carbon steel  
colour: RAL 3003 - R08 Ruby red  
L: 1400 mm; H: 500 mm - Watt 1103  
accessories: kristal square valve



IN PICTURE  
material: painted carbon steel  
colour: RAL 9010 - R01 Pure white  
L: 500 mm; H: 1800 mm - Watt 1754  
accessories: kristal square valve



# ALICE 18 TANDEM

VERTICAL

page 408 



IN THE BELOW PICTURE

material: painted carbon steel

colour: S02 Manhattan

L: 1000 mm; H: 630 mm; pipe centres: 600 mm - Watt 1428


accessories: kristal square valve





# ALICE 18 TANDEM

HORIZONTAL

page 410 



IN PICTURE

material: painted carbon steel

colour: H04 Ice

L: 1400 mm; H: 500 mm - Watt 1696

accessories: kristal square valve





# ALICE 22

VERTICAL

page 412 


IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: F33 Emerald Sand  
L: 540 mm; H: 1800 mm - Watt 1321  
accessories: kristal square valve

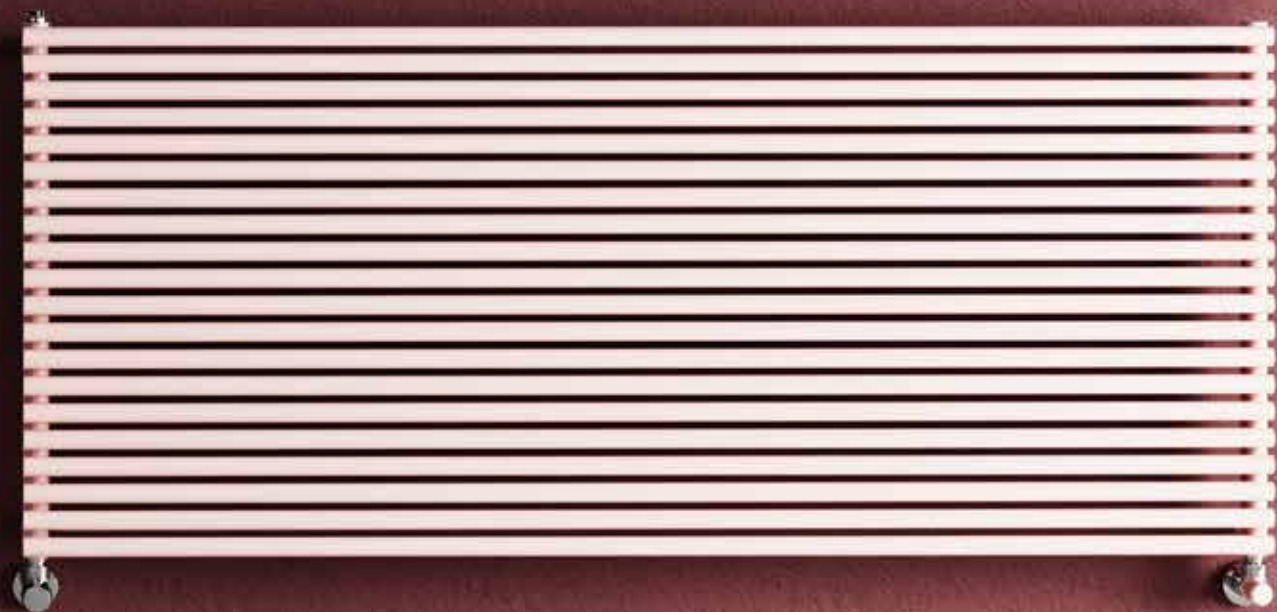




# ALICE 22

HORIZONTAL

page 414 



IN PICTURE  
material: painted carbon steel  
colour: F30 White Sand  
L: 1400 mm; H: 600 mm - Watt 1233  
accessories: kristal square valve



IN PICTURE  
material: painted carbon steel  
colour: F35 Forest Green  
L: 1020 mm; H: 630 mm; pipe centres: 600 mm - Watt 1476  
accessories: kristal square valve



# ALICE 22 TANDEM

VERTICAL

page 416 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: RAL 8017 - R09 Dark brown  
L: 540 mm; H:1800 mm; - Watt 1865  
accessories: kristal square valve







# ALICE 22 TANDEM

## HORIZONTAL

page 418 



IN PICTURE  
material: painted carbon steel  
colour: F38 Sandstone  
L: 1400 mm; H: 540 mm - Watt 1632  
accessories: kristal square valve









# ALICE 25

VERTICAL

page 420 


IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: RAL 1004 - R06 Gold  
L:509 mm; H: 1800 mm - Watt 1182  
accessories: kristal square valve





# ALICE 25

HORIZONTAL

page 422 



IN PICTURE  
material: painted carbon steel  
colour: RAL 3003 - R08 Ruby red  
L: 1200 mm; H: 509 mm - Watt 871  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: S13 Light Pink  
L: 546 mm; H: 2000 mm - Watt 2390  
accessories: kristal valve corner



# ALICE 25 TANDEM

VERTICAL

page 424 

IN THE BELOW PICTURE  
material: painted carbon steel  
colour: Ral 7030 - R22 Stone grey  
L: 990 mm; H: 630 mm - Watt 1380  
accessories: kristal square valve







# ALICE 25 TANDEM

HORIZONTAL

page 426 



IN PICTURE

material: painted carbon steel  
colour: RAL 8017 - R09 Dark brown  
L: 1400 mm; H: 509 mm - Watt 1580  
accessories: kristal square valve



IN PICTURE  
material: painted carbon steel  
colour: R27 Grigio metallizzato  
L: 486 mm; H: 1830 mm - Watt 1760  
accessories: kristal square valve

# ARIANNA TANDEM

page 428 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F04 Graphite grey  
L: 990 mm; H: 630 mm; pipe centres: 600 mm - Watt 1375  
accessories: kristal square valve







IN PICTURE  
material: painted carbon steel  
colour: R21 Silver grey  
L: 486 mm - H: 2030 mm - watt 1940  
accessories: kristal square valve

# ARYS

## ACCESSORIES FOR ARIANNA TANDEM RADIATOR

page 430 



IN THE BELOW PICTURE  
material: painted carbon steel  
colour: F38 Sandstone  
L: 542 mm; H: 1830 mm - watt 1955  
accessories: kristal square valve









# DORIANA

VERTICAL


page 434 

IN PICTURE ON THE LEFT  
material: painted carbon steel  
colour: F36 Terra  
L: 513 mm; H: 1800 mm - Watt 1071  
accessories: kristal square valve



# DORIANA

## HORIZONTAL

page 436 



IN PICTURE

material: painted carbon steel  
colour: RAL 3003 - R08 Ruby red  
L: 1400 mm; H: 657 mm - Watt 1033  
accessories: kristal square valve





IN PICTURE  
material: painted carbon steel  
colour: RAL 1021 - R05 Yellow rape  
L: 480 mm; H: 1800 mm - Watt 994  
accessories: kristal square valve

# TAMARA

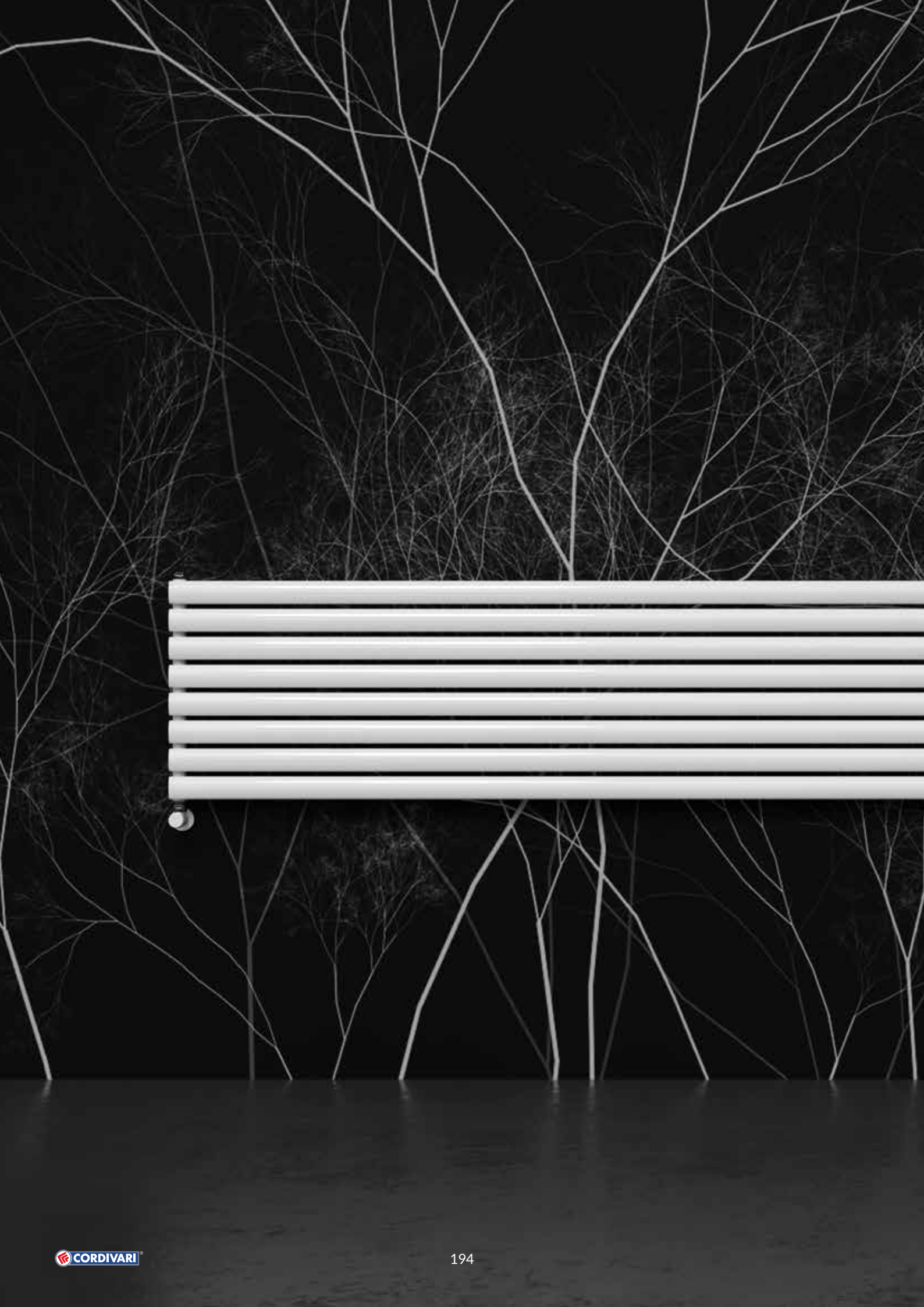
VERTICAL

page 438 

IN THE BELOW PICTURE  
**TAMARA TANDEM** - page 442  
material: painted carbon steel  
colour: F27 Moonshine  
L: 480 mm; H: 2000 mm - Watt 1658  
accessories: kristal square valve










# TAMARA

HORIZONTAL

page 440 




IN PICTURE  
material: painted carbon steel  
colour: F20 Milky  
L: 1800 mm; H: 480 mm - Watt 859  
accessories: kristal square valve



# TAMARA TANDEM

## HORIZONTAL

page 444 



IN PICTURE  
material: painted carbon steel  
colour: RAL9001 - R14 Cream  
L: 1400 mm; H: 480 mm - Watt 1172  
accessories: kristal square valve





# VENTILATION RADIATORS



IN PICTURE  
material: painted carbon steel  
colour: H09 Lake  
L: 1200 mm; H: 610 mm  
Max thermal output in heating (70°) Watt 5372  
Max power in cooling  
(7°) Watt 2154



# SOFI<sup>®</sup> HC

## HORIZONTAL

page 446 



IN THE BELOW PICTURE

material: painted carbon steel

colour: RAL 9010 - R01 Pure white

L: 1200 mm; H: 610 mm

Max thermal output in heating (70°) Watt 5372

Max power in cooling (7°) Watt 2154





**My<sup>®</sup>way<sup>®</sup>**  
C O S Y   H O M E

# MY WAY® HOME AUTOMATION SYSTEM





# MY WAY®

page 450 



IN THE BELOW PICTURE

My Way® home automation system for climate and domestic comfort control on the radiator ARIANNA TANDEM







archiproducts  
DESIGN AWARDS  
—  
WINNER 2017



GERMAN  
DESIGN  
AWARD  
NOMINEE  
2019



# MY HEAD

page 451 



## IN THE PICTURES

My Head wireless thermostat white

Installed on ARIANNA TANDEM radiator

Material: painted carbon steel

Colour: RAL 9010 - R01 pure white

L: 822 mm; H: 630 mm; pipe centres: 600 mm - watt 1067



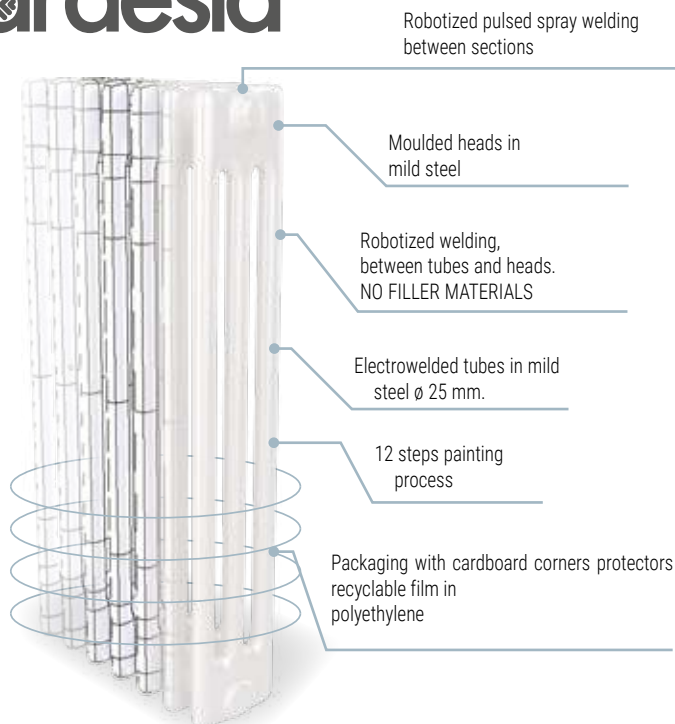


# TECHNICAL

---

# DATA





## FUNCTIONING

Hot water

Temperature (max)	Hub	Section width
110 °C	1"	46 mm

## PRESSURE

10 bar	Maximun working pressure
13 bar	Testing conditions



**WARRANTY**  
**5 YEARS**



Thanks to our specific design, Ardesia® can be mounted without removing the packaging. For a major protection during the installation.

## HOW TO ORDER ARDESIA® (CREATION OF THE ARTICLE CODE)

### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

### EXAMPLE

Model and nr of columns E.g.: Ardesia® 3 columns	Nr of Elements E.g.: 21 elements	Height in cm Example: 750 mm	Code of the connection Example: connection D8	Code of the colour Example: R01 - White	Constant value
AR3	21	0750	D08	R01	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AR3** ARDESIA® 3 Columns

**21** 21 elements (see the table shown on the side)

**0750** Height 750 mm (see the table shown on the side)

**D08** connection D8 (see page 212-213)

**R01** colour R01 - White (see page 486)

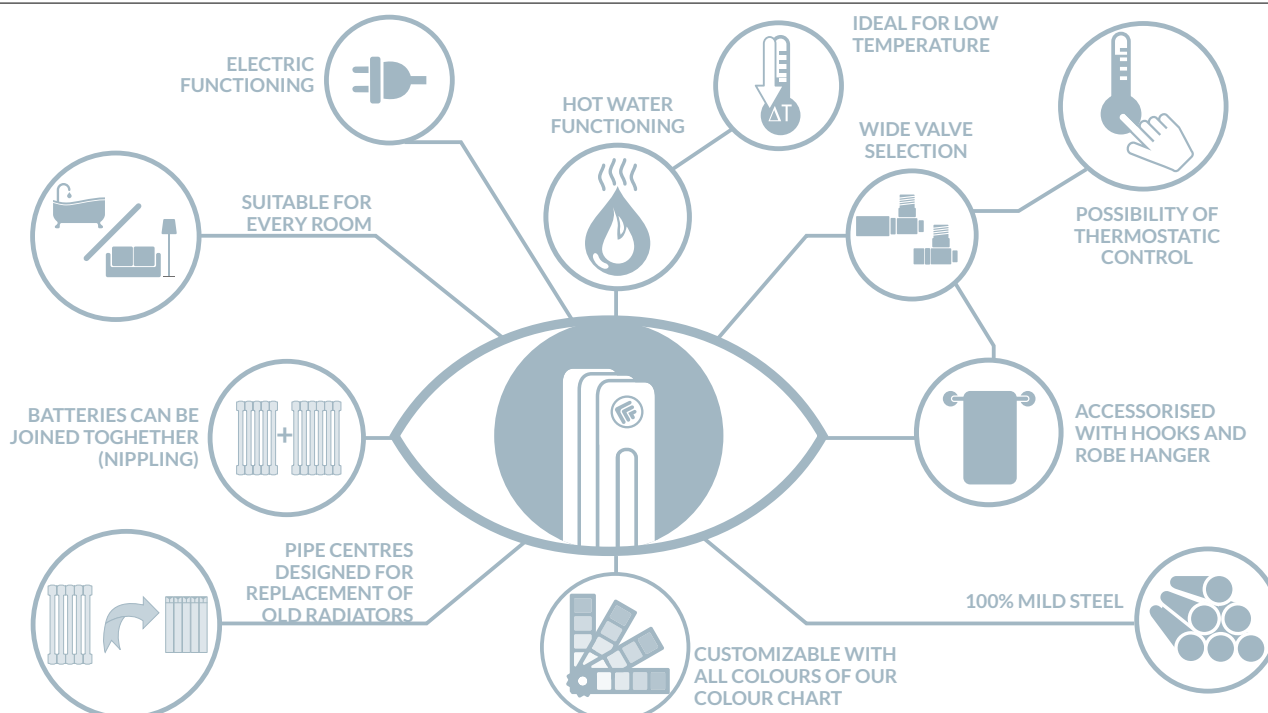
**A** (Constant value)

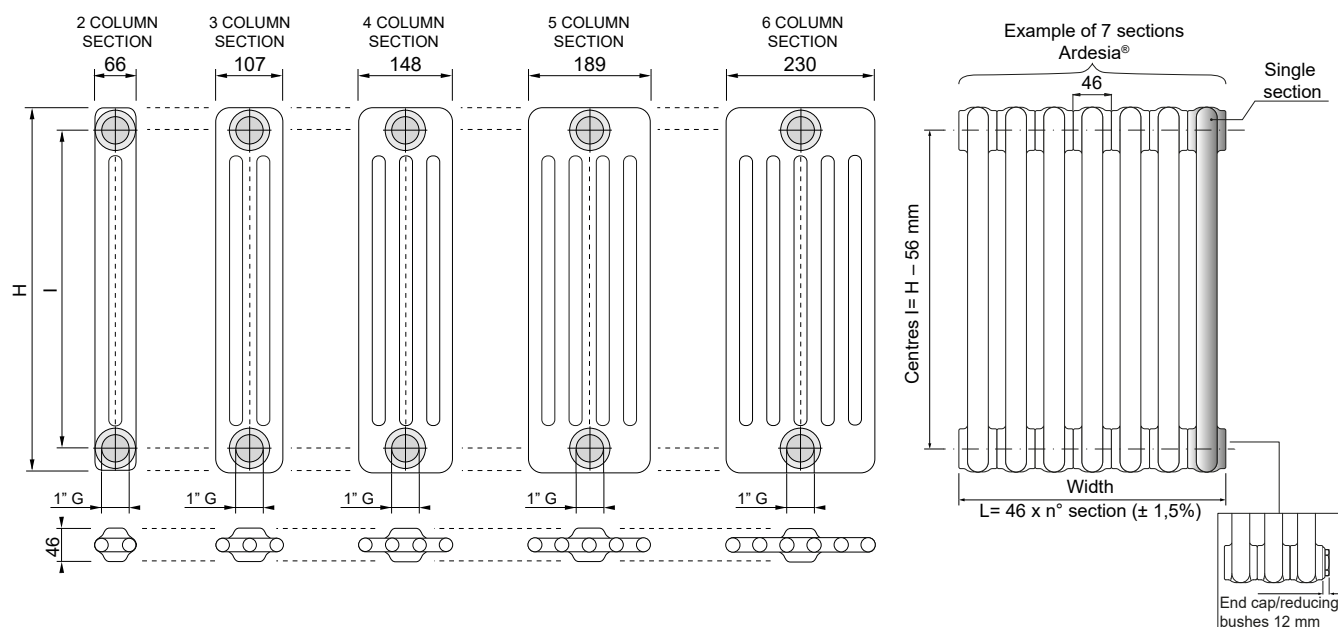
The article code will be:

**AR3 21 0750 D08 R01 A**

Three-digit value for the number of columns  
Two-digit value for the number of elements (see technical table)  
Four-digit value for height indication (see technical table)  
Three-digit value for the type of connection (see page 212-213)  
Three-digit value for colour selection (see page 486 - surcharge for colours other than white)

## ARDESIA® QUICK LOOK



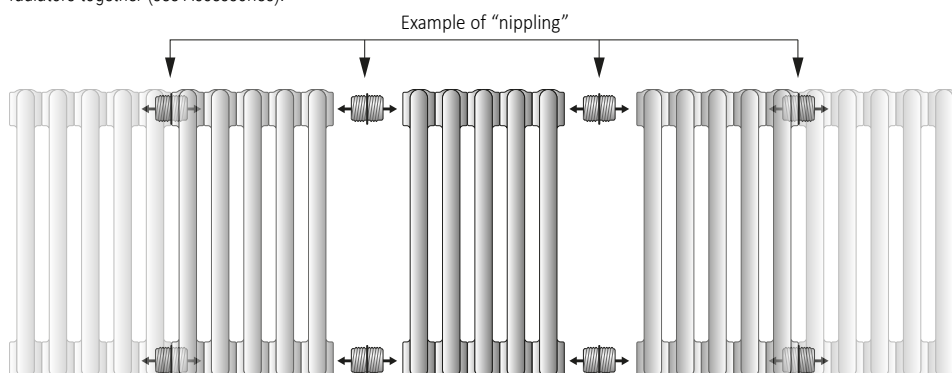


## MAXIMUM NUMBER OF SECTIONS WELDED TOGETHER

Height H	Pipe centres l	N° COLUMNS				
[mm]	[mm]	2	3	4	5	6
207	151	40	40	40	40	40
300	244	40	40	40	40	40
400	344	40	40	40	40	40
500	444	40	40	40	40	40
556	500	40	40	40	40	35
586	530	40	40	40	40	35
600	544	40	40	40	40	35
626	570	40	40	40	36	30
656	600	40	40	40	36	30
676	620	40	40	40	36	30
750	694	40	40	40	33	27
756	700	40	40	40	33	27
786	730	40	40	40	33	27
856	800	40	40	35	28	23
876	820	40	40	35	28	23
900	844	40	35	35	28	23
926	870	40	35	35	28	23
1000	944	40	35	35	25	20
1200	1144	35	35	25	20	15
1500	1444	35	25	20	15	15
1656	1600	35	25	20	15	14
1800	1744	35	22	20	12	10
1856	1800	35	22	20	12	10
2000	1944	30	22	15	12	10
2056	2000	30	22	15	12	10
2200	2144	30	18	15	12	10
2500	2444	25	18	15	12	10

## NIPPLING

The number of section/width is virtually unlimited. It is possible, in fact to obtain a bigger number of sections connecting the single radiators together (see Accessories).



Use only Cordivari Nipples.  
The use of other nipples does not guarantee the sealing of the radiator and excludes the warranty.

All the batteries of the same height, can be joined together, starting from a minimum of 3 sections.

In the "joining operation" do not exceed the rate of 10 kg x meter. The special white silicon gasket guarantees a perfect hydraulic seal.

PLEASE NOTE: ONLY USE CORDIVARI NIPPLES.

# ardesia<sup>®</sup> CONNECTIONS

To make easier your daily work we have provided the standard configurations with reducing bushes and end caps already mounted. When ordering please specify the desired connection, otherwise, the radiator will be supplied without any configurations.










To order Accessories and fittings please consult page 508

## STANDARD CONFIGURATIONS

Standard configurations, except for connection "0" or special executions excluded, include airvent end caps and bushes already mounted. It is necessary to specify the desired combination (example: 1,2,3,8,D,M,AS ecc...).

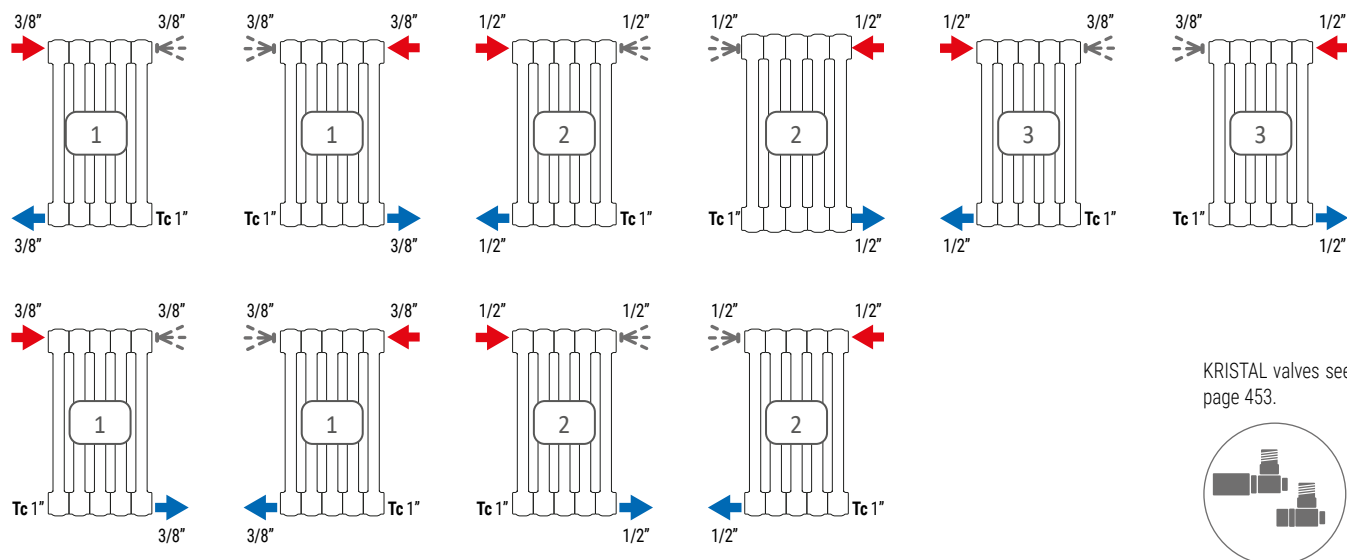
PLEASE NOTE: besides the configurations hereby presented, all configurations with diameters of 3/4" • 1/2" • 3/8" • 1/4" are available.

## LEGENDA

 In	 Out
 Airvent	 Connection 1/2"
 Movable Diverter	 Welded Diverter
 Tc End cap	 Thermostatic head
 Bidirectional	

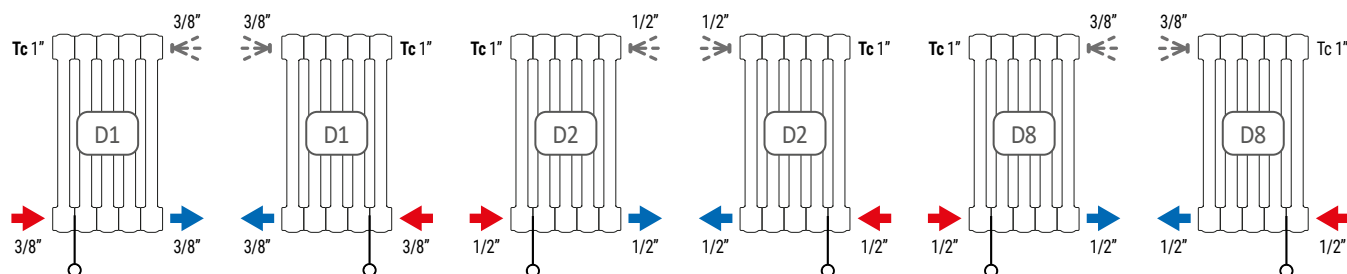
## SIDE AND OPPOSITE CONNECTIONS

Airvent included



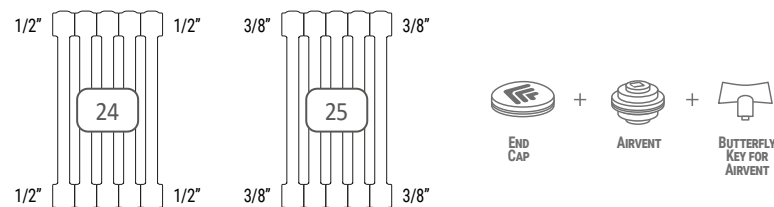
## BOTTOM-SIDE CONNECTIONS

Airvent included



## UNIVERSAL CONNECTIONS

Airvent included



## CONNECTIONS FOR NIPPLING OPERATION

4 open connections with 1" threading end cap, reducing bushes and Airvent are supplied separately, on demand.

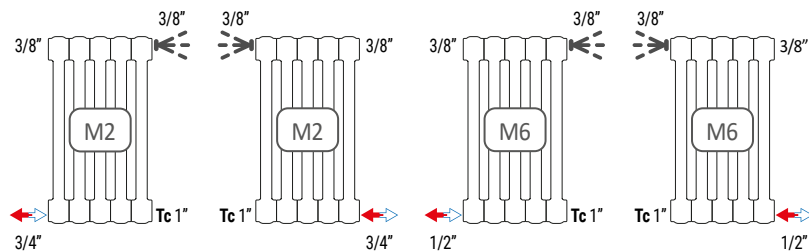


**Ideal for wholesalers** that wish to have a stock of radiators ready for use. The "0" connection for nipping operation allows to have batteries of several dimensions and with an almost endless number of heating sections.



## BIDIRECTIONAL CONNECTIONS

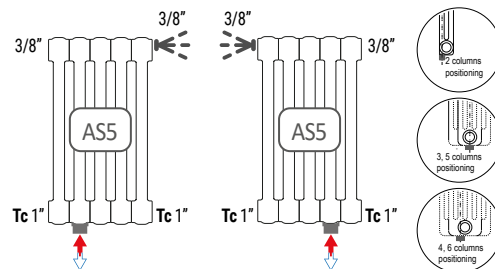
Airvent included



Valve Bidirectional Kristal Cordivari only for M6 bidirectional connection for batteries from 3 up to 20 sections. (see ACCESSORIES).

## BIDIRECTIONAL CONNECTIONS

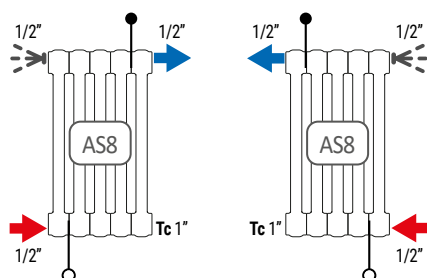
Airvent included



Bidirectional underneath connection placed on the second section

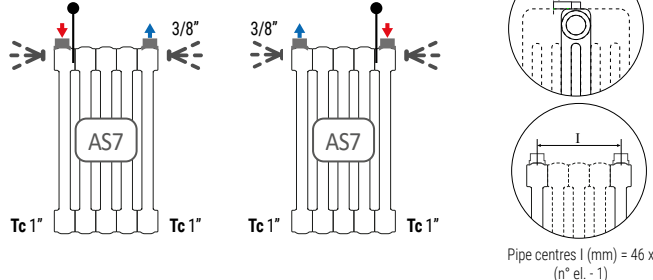
## OPPOSITE SPECIAL CONNECTIONS

Airvent included



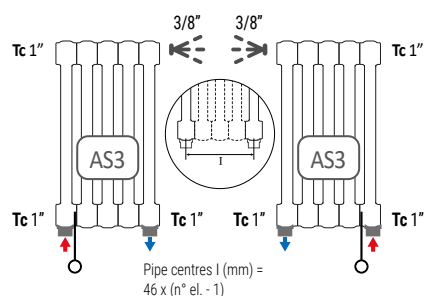
## WITH UPPER SLEEVES CONNECTIONS

Airvent included



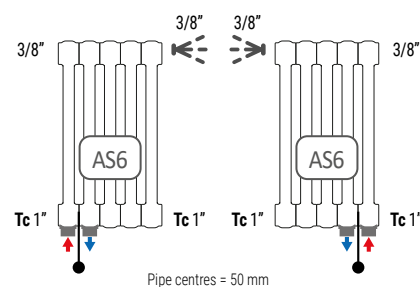
## UNDERNEATH WELDED SLEEVES CONNECTIONS

Airvent included

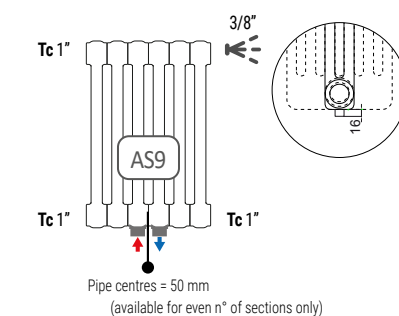


Pipe centres different from standard are available on demand.

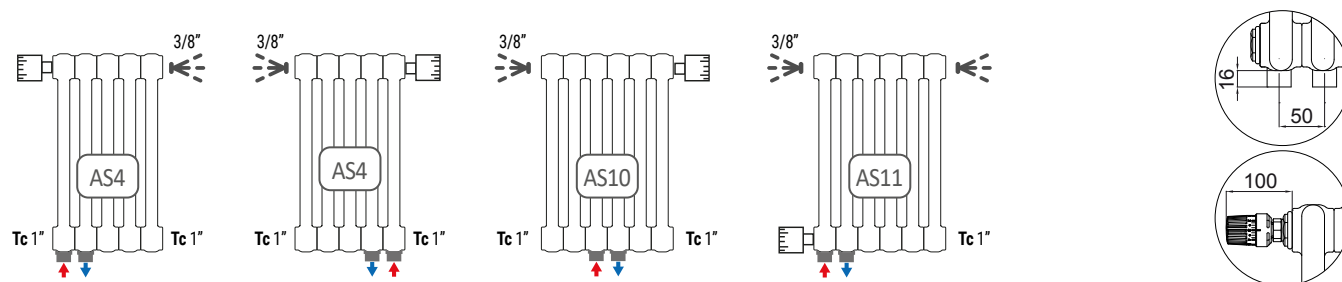
Airvent included



Airvent included



## WELDED UNDERNEATH SLEEVES WITH PIPE CENTRES 50 MM 1/2" AND THERMOSTATIC HEAD MOUNTED\*



\* Valve unit and Liquid thermostatic head Oventrop with liquid functioning in accordance with UNI EN 215:2007 regulation.

Height (mm)	Columns				
<b>207</b>	2	3	4	5	6
Δt 60 = [W]	22,2	31,5	40,7	50,5	61,9
<b>Δt 50 = [W]</b>	<b>17,5</b>	<b>24,8</b>	<b>32,0</b>	<b>39,7</b>	<b>48,7</b>
Δt 40 = [W]	13,1	18,5	23,9	29,5	36,3
Δt 30 = [W]	9,0	12,7	16,3	20,1	24,8
Pipe Centres [mm]	<b>151</b>				
Water content [lt]	0,29	0,42	0,56	0,70	0,80
Dry Weight [kg]	0,35	0,53	0,71	0,89	1,07
Exp. [n]	1,303	1,314	1,317	1,329	1,318

Height (mm)	Columns				
<b>300</b>	2	3	4	5	6
Δt 60 = [W]	32,1	43,7	58,9	71,9	86,1
<b>Δt 50 = [W]</b>	<b>25,6</b>	<b>34,7</b>	<b>46,8</b>	<b>56,5</b>	<b>67,7</b>
Δt 40 = [W]	19,4	26,1	35,3	42,1	50,4
Δt 30 = [W]	13,5	18,1	24,5	28,8	34,5
Pipe Centres [mm]	<b>244</b>				
Water content [lt]	0,37	0,54	0,72	0,90	1,10
Dry Weight [kg]	0,49	0,74	0,99	1,24	1,49
Exp. [n]	1,247	1,273	1,265	1,320	1,322

Height (mm)	Columns				
<b>400</b>	2	3	4	5	6
Δt 60 = [W]	41,5	56,9	75,5	92,1	110,9
<b>Δt 50 = [W]</b>	<b>33,0</b>	<b>45,1</b>	<b>59,8</b>	<b>72,4</b>	<b>87,3</b>
Δt 40 = [W]	24,9	33,8	44,9	53,9	65,1
Δt 30 = [W]	17,3	23,4	31,1	36,8	44,6
Pipe Centres [mm]	<b>344</b>				
Water content [lt]	0,45	0,66	0,88	1,10	1,30
Dry Weight [kg]	0,63	0,95	1,27	1,59	1,92
Exp. [n]	1,261	1,284	1,280	1,323	1,313

Height (mm)	Columns				
<b>500</b>	2	3	4	5	6
Δt 60 = [W]	50,6	69,9	91,7	111,7	134,7
<b>Δt 50 = [W]</b>	<b>40,1</b>	<b>55,2</b>	<b>72,4</b>	<b>87,7</b>	<b>106,2</b>
Δt 40 = [W]	30,2	41,4	54,2	65,3	79,3
Δt 30 = [W]	20,9	28,5	37,3	44,6	54,5
Pipe Centres [mm]	<b>444</b>				
Water content [lt]	0,53	0,79	1,04	1,30	1,60
Dry Weight [kg]	0,77	1,16	1,55	1,95	2,34
Exp. [n]	1,275	1,296	1,296	1,326	1,305

Height (mm)	Columns				
<b>600</b>	2	3	4	5	6
Δt 60 = [W]	59,6	82,8	107,6	130,9	157,6
<b>Δt 50 = [W]</b>	<b>47,1</b>	<b>65,2</b>	<b>84,7</b>	<b>102,7</b>	<b>124,5</b>
Δt 40 = [W]	35,3	48,7	63,2	76,4	93,2
Δt 30 = [W]	24,4	33,5	43,4	52,1	64,2
Pipe Centres [mm]	<b>544</b>				
Water content [lt]	0,61	0,91	1,20	1,50	1,80
Dry Weight [kg]	0,91	1,37	1,84	2,30	2,76
Exp. [n]	1,289	1,307	1,312	1,329	1,296

Height (mm)	Columns				
<b>750</b>	2	3	4	5	6
Δt 60 = [W]	73,2	101,9	131,3	159,2	190,7
<b>Δt 50 = [W]</b>	<b>57,6</b>	<b>80,0</b>	<b>102,9</b>	<b>124,8</b>	<b>150,9</b>
Δt 40 = [W]	43,0	59,6	76,4	92,7	113,3
Δt 30 = [W]	29,5	40,7	52,0	63,1	78,3
Pipe Centres [mm]	<b>694</b>				
Water content [lt]	0,73	1,09	1,44	1,80	2,20
Dry Weight [kg]	1,12	1,69	2,26	2,83	3,40
Exp. [n]	1,310	1,325	1,335	1,334	1,284

Height (mm)	Columns				
<b>900</b>	2	3	4	5	6
Δt 60 = [W]	86,9	120,9	154,8	186,9	222,4
<b>Δt 50 = [W]</b>	<b>68,1</b>	<b>94,6</b>	<b>120,8</b>	<b>146,4</b>	<b>176,4</b>
Δt 40 = [W]	50,6	70,2	89,2	108,6	132,8
Δt 30 = [W]	34,5	47,7	60,4	73,9	92,1
Pipe Centres [mm]	<b>844</b>				
Water content [lt]	0,85	1,27	1,68	2,10	2,50
Dry Weight [kg]	1,33	2,01	2,68	3,36	4,03
Exp. [n]	1,331	1,342	1,359	1,339	1,271

Height (mm)	Columns				
<b>1000</b>	2	3	4	5	6
Δt 60 = [W]	95,9	133,3	169,9	205,4	244,2
<b>Δt 50 = [W]</b>	<b>75,2</b>	<b>104,3</b>	<b>132,7</b>	<b>160,6</b>	<b>192,9</b>
Δt 40 = [W]	55,8	77,3	98,1	118,9	144,4
Δt 30 = [W]	38,0	52,5	66,4	80,7	99,5
Pipe Centres [mm]	<b>944</b>				
Water content [lt]	0,93	1,39	1,84	2,30	2,80
Dry Weight [kg]	1,48	2,22	2,96	3,71	4,46
Exp. [n]	1,335	1,345	1,355	1,348	1,296

Height (mm)	Columns				
<b>1200</b>	2	3	4	5	6
Δt 60 = [W]	114,3	157,9	199,7	242,1	287,1
<b>Δt 50 = [W]</b>	<b>89,5</b>	<b>123,5</b>	<b>156,2</b>	<b>188,8</b>	<b>224,7</b>
Δt 40 = [W]	66,3	91,3	115,6	139,2	166,5
Δt 30 = [W]	45,1	61,9	78,5	93,9	113,1
Pipe Centres [mm]	<b>1144</b>				
Water content [lt]	1,09	1,63	2,17	2,70	3,20
Dry Weight [kg]	1,76	2,64	3,53	4,41	5,30
Exp. [n]	1,343	1,350	1,348	1,366	1,345

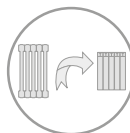
Height (mm)	Columns				
<b>1500</b>	2	3	4	5	6
Δt 60 = [W]	142,6	194,6	244,3	297,0	349,7
<b>Δt 50 = [W]</b>	<b>111,4</b>	<b>151,9</b>	<b>191,4</b>	<b>230,4</b>	<b>270,0</b>
Δt 40 = [W]	82,3	112,2	142,0	168,8	196,8
Δt 30 = [W]	55,8	75,9	96,6	113,1	130,8
Pipe Centres [mm]	<b>1444</b>				
Water content [lt]	1,33	1,99	2,65	3,30	4,0
Dry Weight [kg]	2,18	3,28	4,37	5,47	6,57
Exp. [n]	1,355	1,359	1,338	1,393	1,418

Height (mm)	Columns				
<b>1800</b>	2	3	4	5	6
Δt 60 = [W]	171,7	230,1	290,1	348,7	403,4
<b>Δt 50 = [W]</b>	<b>134,1</b>	<b>180,2</b>	<b>226,6</b>	<b>271,6</b>	<b>312,7</b>
Δt 40 = [W]	99,1	133,6	167,6	200,1	229,0
Δt 30 = [W]	67,1	90,8	113,5	134,9	153,2
Pipe Centres [mm]	<b>1744</b>				
Water content [lt]	1,58	2,35	3,13	3,91	4,70
Dry Weight [kg]	2,60	3,91	5,22	6,53	7,84
Exp. [n]	1,355	1,341	1,353	1,370	1,396

Height (mm)	Columns				
<b>2000</b>	2	3	4	5	6
Δt 60 = [W]	191,7	253,6	320,9	382,9	437,2
<b>Δt 50 = [W]</b>	<b>149,8</b>	<b>199,0</b>	<b>250,3</b>	<b>299,0</b>	<b>339,8</b>
Δt 40 = [W]	110,7	147,9	184,6	221,0	249,7
Δt 30 = [W]	75,0	100,9	124,7	149,6	167,8
Pipe Centres [mm]	<b>1944</b>				
Water content [lt]	1,74	2,59	3,45	4,31	5,20
Dry Weight [kg]	2,89	4,33	5,78	7,23	8,69
Exp. [n]	1,355	1,330	1,364	1,356	1,382

Height (mm)	Columns				
<b>2200</b>	2	3	4	5	6
Δt 60 = [W]	212,3	276,9	352,1	416,7	469,6
<b>Δt 50 = [W]</b>	<b>165,9</b>	<b>217,8</b>	<b>274,1</b>	<b>326,4</b>	<b>366,0</b>
Δt 40 = [W]	122,6	162,3	201,7	242,0	269,7
Δt 30 = [W]	83,0	111,1	135,9	164,6	182,0
Pipe Centres [mm]	<b>2144</b>				
Water content [lt]	1,90	2,83	3,77	4,71	5,60
Dry Weight [kg]	3,17	4,76	6,35	7,94	9,53
Exp. [n]	1,355	1,318	1,374	1,341	1,367

Height (mm)	Columns				
<b>2500</b>	2	3	4	5	6
Δt 60 = [W]	244,4	311,7	399,6	467,2	515,6
<b>Δt 50 = [W]</b>	<b>190,9</b>	<b>245,9</b>	<b>310,2</b>	<b>367,4</b>	<b>403,4</b>
Δt 40 = [W]	141,1	184,0	227,5	273,8	298,8
Δt 30 = [W]	95,5	126,6	152,5	187,4	202,9
Pipe Centres [mm]	<b>2444</b>				
Water content [lt]	2,14	3,19	4,25	5,31	6,40
Dry Weight [kg]	3,59	5,39	7,19	9,00	10,80
Exp. [n]	1,355	1,301	1,389	1,318	1,345



Height (mm)	Columns				
<b>676</b>	2	3	4	5	6
Δt 60 = [W]	66,5	92,5	119,6	145,3	174,6
<b>Δt 50 = [W]</b>	<b>52,4</b>	<b>72,8</b>	<b>94,0</b>	<b>114,0</b>	<b>138,0</b>
Δt 40 = [W]	39,2	54,3	70,0	84,7	103,5
Δt 30 = [W]	27,0	37,2	47,8	57,7	71,4
Pipe Centres [mm]	<b>620</b>				
Water content [lt]	0,67	1,00	1,32	1,65	2,00
Dry Weight [kg]	1,02	1,53	2,05	2,57	3,09
Exp. [n]	1,299	1,316	1,324	1,332	1,290

Height (mm)	Columns				
<b>876</b>	2	3	4	5	6
Δt 60 = [W]	84,7	117,8	151,0	182,5	217,4
<b>Δt 50 = [W]</b>	<b>66,5</b>	<b>92,3</b>	<b>118,0</b>	<b>143,0</b>	<b>172,4</b>
Δt 40 = [W]	49,4	68,5	87,2	106,1	129,7
Δt 30 = [W]	33,7	46,6	59,1	72,2	90,0
Pipe Centres [mm]	<b>820</b>				
Water content [lt]	0,83	1,24	1,65	2,05	2,50
Dry Weight [kg]	1,30	1,96	2,61	3,27	3,93
Exp. [n]	1,327	1,339	1,355	1,338	1,273

Height (mm)	Columns				
<b>556</b>	2	3	4	5	6
Δt 60 = [W]	55,6	77,2	100,6	122,5	147,6
<b>Δt 50 = [W]</b>	<b>44,0</b>	<b>60,9</b>	<b>79,3</b>	<b>96,2</b>	<b>116,5</b>
Δt 40 = [W]	33,1	45,5	59,3	71,5	87,1
Δt 30 = [W]	22,9	31,3	40,7	48,8	60,0
Pipe Centres [mm]	<b>500</b>				
Water content [lt]	0,58	0,85	1,13	1,41	1,70
Dry Weight [kg]	0,85	1,28	1,71	2,14	2,58
Exp. [n]	1,283	1,302	1,305	1,328	1,300

Height (mm)	Columns				
<b>656</b>	2	3	4	5	6
Δt 60 = [W]	64,7	90,0	116,5	141,5	170,2
<b>Δt 50 = [W]</b>	<b>51,0</b>	<b>70,8</b>	<b>91,6</b>	<b>111,0</b>	<b>134,5</b>
Δt 40 = [W]	38,2	52,8	68,2	82,5	100,8
Δt 30 = [W]	26,3	36,2	46,6	56,3	69,5
Pipe Centres [mm]	<b>600</b>				
Water content [lt]	0,66	0,97	1,29	1,61	1,90
Dry Weight [kg]	0,99	1,49	1,99	2,50	3,00
Exp. [n]	1,297	1,314	1,320	1,331	1,292

Height (mm)	Columns				
<b>756</b>	2	3	4	5	6
Δt 60 = [W]	73,7	102,7	132,2	160,3	192,0
<b>Δt 50 = [W]</b>	<b>58,0</b>	<b>80,6</b>	<b>103,6</b>	<b>125,7</b>	<b>152,0</b>
Δt 40 = [W]	43,3	60,0	76,9	93,3	114,1
Δt 30 = [W]	29,7	41,0	52,4	63,6	78,9
Pipe Centres [mm]	<b>700</b>				
Water content [lt]	0,74	1,09	1,45	1,81	2,20
Dry Weight [kg]	1,13	1,70	2,28	2,85	3,42
Exp. [n]	1,311	1,325	1,336	1,335	1,283

Height (mm)	Columns				
<b>856</b>	2	3	4	5	6
Δt 60 = [W]	82,8	115,3	147,9	178,8	213,2
<b>Δt 50 = [W]</b>	<b>65,1</b>	<b>90,4</b>	<b>115,6</b>	<b>140,1</b>	<b>169,0</b>
Δt 40 = [W]	48,4	67,1	85,5	103,9	127,2
Δt 30 = [W]	33,1	45,7	58,0	70,7	88,1
Pipe Centres [mm]	<b>800</b>				
Water content [lt]	0,82	1,21	1,61	2,01	2,40
Dry Weight [kg]	1,27	1,91	2,56	3,20	3,85
Exp. [n]	1,324	1,337	1,352	1,338	1,275

Height (mm)	Columns				
<b>1656</b>	2	3	4	5	6
Δt 60 = [W]	157,6	213,2	268,0	324,0	378,0
<b>Δt 50 = [W]</b>	<b>123,1</b>	<b>166,7</b>	<b>209,7</b>	<b>251,9</b>	<b>292,5</b>
Δt 40 = [W]	91,0	123,3	155,3	185,1	213,7
Δt 30 = [W]	61,6	83,6	105,5	124,4	142,6
Pipe Centres [mm]	<b>1600</b>				
Water content [lt]	1,46	2,18	2,90	3,62	4,36
Dry Weight [kg]	2,40	3,61	4,81	6,02	7,23
Exp. [n]	1,355	1,350	1,346	1,381	1,407

Height (mm)	Columns				
<b>1856</b>	2	3	4	5	6
Δt 60 = [W]	177,2	236,6	298,7	358,3	413,0
<b>Δt 50 = [W]</b>	<b>138,4</b>	<b>185,5</b>	<b>233,3</b>	<b>279,3</b>	<b>320,4</b>
Δt 40 = [W]	102,3	137,6	172,3	205,9	234,8
Δt 30 = [W]	69,3	93,6	116,7	139,0	157,3
Pipe Centres [mm]	<b>1800</b>				
Water content [lt]	1,62	2,42	3,22	4,02	4,84
Dry Weight [kg]	2,69	4,04	5,40	6,75	8,11
Exp. [n]	1,355	1,338	1,356	1,366	1,392

Height (mm)	Columns				
<b>2056</b>	2	3	4	5	6
Δt 60 = [W]	197,4	260,1	329,6	392,4	446,4
<b>Δt 50 = [W]</b>	<b>154,2</b>	<b>204,3</b>	<b>256,9</b>	<b>306,7</b>	<b>347,2</b>
Δt 40 = [W]	114,0	151,9	189,4	226,9	255,3
Δt 30 = [W]	77,2	103,7	127,8	153,8	171,8
Pipe Centres [mm]	<b>2000</b>				
Water content [lt]	1,78	2,66	3,54	4,42	5,29
Dry Weight [kg]	2,98	4,47	5,96	7,45	8,95
Exp. [n]	1,355	1,326	1,366	1,351	1,378

Height (mm)	Columns				
<b>586</b>	2	3	4	5	6
Δt 60 = [W]	58,3	81,0	105,4	128,3	154,5
<b>Δt 50 = [W]</b>	<b>46,1</b>	<b>63,8</b>	<b>83,0</b>	<b>100,7</b>	<b>121,9</b>
Δt 40 = [W]	34,6	47,7	62,0	74,8	91,3
Δt 30 = [W]	23,9	32,8	42,5	51,1	62,8
Pipe Centres [mm]	<b>530</b>				
Water content [lt]	0,60	0,89	1,18	1,47	1,77
Dry Weight [kg]	0,89	1,34	1,79	2,24	2,70
Exp. [n]	1,287	1,306	1,309	1,329	1,298

Height (mm)	Columns				
<b>626</b>	2	3	4	5	6
Δt 60 = [W]	61,9	86,1	111,7	135,9	163,5
<b>Δt 50 = [W]</b>	<b>48,9</b>	<b>67,8</b>	<b>87,9</b>	<b>106,6</b>	<b>129,1</b>
Δt 40 = [W]	36,7	50,6	65,5	79,2	96,7
Δt 30 = [W]	25,3	34,7	44,9	54,0	66,7
Pipe Centres [mm]	<b>570</b>				
Water content [lt]	0,63	0,94	1,24	1,55	1,85
Dry Weight [kg]	0,95	1,43	1,91	2,39	2,87
Exp. [n]	1,292	1,310	1,316	1,330	1,294

Height (mm)	Columns				
<b>786</b>	2	3	4	5	6
Δt 60 = [W]	76,4	106,5	136,9	165,9	198,4
<b>Δt 50 = [W]</b>	<b>60,1</b>	<b>83,6</b>	<b>107,2</b>	<b>130,0</b>	<b>157,1</b>
Δt 40 = [W]	44,9	62,1	79,5	96,5	118,1
Δt 30 = [W]	30,7	42,4	54,1	65,7	81,7
Pipe Centres [mm]	<b>730</b>				
Water content [lt]	0,76	1,13	1,50	1,87	2,25
Dry Weight [kg]	1,18	1,77	2,37	2,97	3,56
Exp. [n]	1,315	1,329	1,341	1,335	1,281

Height (mm)	Columns				
<b>926</b>	2	3	4	5	6
Δt 60 = [W]	89,2	124,1	158,7	191,7	228,1
<b>Δt 50 = [W]</b>	<b>70,0</b>	<b>97,2</b>	<b>123,9</b>	<b>150,1</b>	<b>180,7</b>
Δt 40 = [W]	52,0	72,0	91,5	111,3	135,9
Δt 30 = [W]	35,4	48,9	61,9	75,6	94,1
Pipe Centres [mm]	<b>870</b>				
Water content [lt]	0,78	1,26	1,70	2,13	2,56
Dry Weight [kg]	1,29	1,95	2,60	3,26	3,92
Exp. [n]	1,332	1,343	1,358	1,342	1,277



Pipe Centres for replacing **CAST IRON** radiators



Pipe Centres for replacing **ALUMINIUM** radiators



Pipe Centres for replacing **LAMELLAR and PANEL** radiators





# ARDESIA®

## 2 COLUMNS



page **14**

**WARRANTY**  
**5 YEARS**

### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

## CERTIFICATES



## HOW TO ORDER ARDESIA® 2 COLUMNS

### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

### EXAMPLE

Model and nr of columns E.g.: Ardesia® 2 columns	Nr of Elements E.g.: 19 elements	Height in mm Example: 207 mm	Code of the connection Example: connection D1	Code of the colour Example: H48 - Dove	Constant value
AR2	19	0207	D01	H48	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AR2** ARDESIA® 2 COLUMNS

**19** 19 elements (see the table shown on the side)

**0207** Height 207 mm (see the table shown on the side)

**D01** connection D1 (see page 212-213)

**H48** colour H48 - Dove (see page 486)

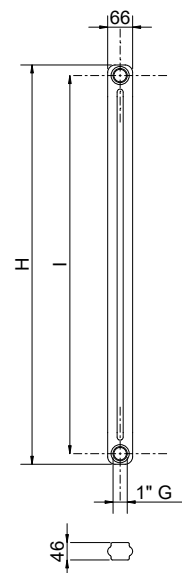
**A** (Constant value)

The article code will be:

**AR2 19 0207 D01 H48 A**

## TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	22,2	32,1	41,5	50,6	59,6	73,2	86,9	95,9	114,3	142,6	171,7	191,7	212,3	244,4
(75/65/20°C) ΔT 50 = W	17,5	25,6	33	40,1	47,1	57,6	68,1	75,2	89,5	111,4	134,1	149,8	165,9	190,9
(65/55/20°C) ΔT 40 = W	13,1	19,4	24,9	30,2	35,3	43	50,6	55,8	66,3	82,3	99,1	110,7	122,6	141,1
(55/45/20°C) ΔT 30 = W	9	13,5	17,3	20,9	24,4	29,5	34,5	38	45,1	55,8	67,1	75	83	95,5
Water content [lt]	0,29	0,37	0,45	0,53	0,61	0,73	0,85	0,93	1,09	1,33	1,58	1,74	1,9	2,14
Dry Weight [kg]	0,35	0,49	0,63	0,77	0,91	1,12	1,33	1,48	1,76	2,18	2,6	2,89	3,17	3,59
Exp. [n]	1,303	1,247	1,261	1,275	1,289	1,31	1,331	1,335	1,343	1,355	1,355	1,355	1,355	1,355
Nominal flow rate [kg/h]	1,5	2,2	2,8	3,4	4,1	5	5,9	6,5	7,7	9,6	11,5	12,9	14,3	16,4
Radiation quote [%]	30	25	25	25	24	24	24	24	23	23	22	22	22	22
Surface [m²]	0,03	0,05	0,06	0,08	0,09	0,12	0,14	0,15	0,18	0,23	0,28	0,31	0,34	0,38



# 2 COLUMNS STANDARD HEIGHTS

Elements Width [mm]	HEIGHTS [mm]														
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500	
3															
138 mm	W	53	77	99	120	141	173	204	226	269	334	402	449	498	573
4															
184 mm	W	70	102	132	160	188	230	272	301	358	446	536	599	664	764
5															
230 mm	W	88	128	165	201	236	288	341	376	448	557	671	749	830	955
6															
276 mm	W	105	154	198	241	283	346	409	451	537	668	805	899	995	1145
7															
322 mm	W	123	179	231	281	330	403	477	526	627	780	939	1049	1161	1336
8															
368 mm	W	140	205	264	321	377	461	545	602	716	891	1073	1198	1327	1527
9															
414 mm	W	158	230	297	361	424	518	613	677	806	1003	1207	1348	1493	1718
10															
460 mm	W	175	256	330	401	471	576	681	752	895	1114	1341	1498	1659	1909
11															
506 mm	W	193	282	363	441	518	634	749	827	985	1225	1475	1648	1825	2100
12															
552 mm	W	210	307	396	481	565	691	817	902	1074	1337	1609	1798	1991	2291
13															
598 mm	W	228	333	429	521	612	749	885	978	1164	1448	1743	1947	2157	2482
14															
644 mm	W	245	358	462	561	659	806	953	1053	1253	1560	1877	2097	2323	2673
15															
690 mm	W	263	384	495	602	707	864	1022	1128	1343	1671	2012	2247	2489	2864
16															
736 mm	W	280	410	528	642	754	922	1090	1203	1432	1782	2146	2397	2654	3054
17															
782 mm	W	298	435	561	682	801	979	1158	1278	1522	1894	2280	2547	2820	3245
18															
828 mm	W	315	461	594	722	848	1037	1226	1354	1611	2005	2414	2696	2986	3436
19															
874 mm	W	333	486	627	762	895	1094	1294	1429	1701	2117	2548	2846	3152	3627
20															
920 mm	W	350	512	660	802	942	1152	1362	1504	1790	2228	2682	2996	3318	3818
21															
966 mm	W	368	538	693	842	989	1210	1430	1579	1880	2339	2816	3146	3484	4009
22															
1012 mm	W	385	563	726	882	1036	1267	1498	1654	1969	2451	2950	3296	3650	4200
23															
1058 mm	W	403	589	759	922	1083	1325	1566	1730	2059	2562	3084	3445	3816	4391
24															
1104 mm	W	420	614	792	962	1130	1382	1634	1805	2148	2674	3218	3595	3982	4582
25															
1150 mm	W	438	640	825	1003	1178	1440	1703	1880	2238	2785	3353	3745	4148	4773
26															
1196 mm	W	455	666	858	1043	1225	1498	1771	1955	2327	2896	3487	3895	4313	4963
27															
1242 mm	W	473	691	891	1083	1272	1555	1839	2030	2417	3008	3621	4045	4479	5154
28															
1288 mm	W	490	717	924	1123	1319	1613	1907	2106	2506	3119	3755	4194	4645	5345
29															
1344 mm	W	508	742	957	1163	1366	1670	1975	2181	2596	3231	3889	4344	4811	5536
30															
1380 mm	W	525	768	990	1203	1413	1728	2043	2256	2685	3342	4023	4494	4977	5727
31															
1426 mm	W	543	794	1023	1243	1460	1786	2111	2331	2775	3453	4157	4644	5143	5918
32															
1472 mm	W	560	819	1056	1283	1507	1843	2179	2406	2864	3565	4291	4794	5309	6109
33															
1518 mm	W	578	845	1089	1323	1554	1901	2247	2482	2954	3676	4425	4943	5475	6300
34															
1564 mm	W	595	870	1122	1363	1601	1958	2315	2557	3043	3788	4559	5093	5641	6491
35															
1610 mm	W	613	896	1155	1404	1649	2016	2384	2632	3133	3899	4694	5243	5807	6682
36															
1656 mm	W	630	922	1188	1444	1696	2074	2452	2707	3222	4010	4828	5393	5972	6872
37															
1702 mm	W	648	947	1221	1484	1743	2131	2520	2782	3312	4122	4962	5543	6138	7063
38															
1748 mm	W	665	973	1254	1524	1790	2189	2588	2858	3401	4233	5096	5692	6304	7254
39															
1794 mm	W	683	998	1287	1564	1837	2246	2656	2933	3491	4345	5230	5842	6470	7445
40															
1840 mm	W	700	1024	1320	1604	1884	2304	2724	3008	3580	4456	5364	5992	6636	7636

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 85 sections with lateral connection, see probes kit at page 465.



# ARDESIA® 3 COLUMNS



page 16

**WARRANTY**  
**5 YEARS**

## MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

## PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

## PAINTING PROCESS:

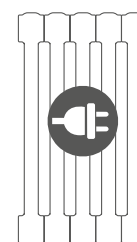
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

Functioning:	Hot water	Maximum working pressure	10 bar	Temperature max	110°C	Hub	1"
	electric (see page 300)	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

## CERTIFICATES



**ELECTRIC VERSION**  
**AVAILABLE**  
**SEE PAGE 300**

## HOW TO ORDER ARDESIA® 3 COLUMNS

### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

### EXAMPLE

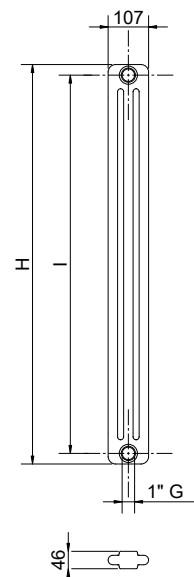
Model and nr of columns E.g.: Ardesia® 3 columns	Nr of Elements E.g.: 21 elements	Height in mm Example: 750 mm	Code of the connection Example: connection D8	Code of the colour Example: R01 - White	Constant value
AR3	21	0750	D08	R01	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR3**.....ARDESIA® 3 COLUMNS  
**21**.....21 elements (see the table shown on the side)  
**0750**.....Height 750 mm (see the table shown on the side)  
**D08**.....connection D8 (see page 212-213)  
**R01**.....colour R01 - White (see page 486)  
**A**.....(Constant value)  
 The article code will be:  
**AR3 21 0750 D08 R01 A**

## TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	31,5	43,7	56,9	69,9	82,8	101,9	120,9	133,3	157,9	194,6	230,1	253,6	276,9	311,7
(75/65/20°C) ΔT 50 = W	<b>24,8</b>	<b>34,7</b>	<b>45,1</b>	<b>55,2</b>	<b>65,2</b>	<b>80</b>	<b>94,6</b>	<b>104,3</b>	<b>123,5</b>	<b>151,9</b>	<b>180,2</b>	<b>199</b>	<b>217,8</b>	<b>245,9</b>
(65/55/20°C) ΔT 40 = W	18,5	26,1	33,8	41,4	48,7	59,6	70,2	77,3	91,3	112,2	133,6	147,9	162,3	184
(55/45/20°C) ΔT 30 = W	12,7	18,1	23,4	28,5	33,5	40,7	47,7	52,5	61,9	75,9	90,8	100,9	111,1	126,6
Water content [lt]	0,42	0,54	0,66	0,79	0,91	1,09	1,27	1,39	1,63	1,99	2,35	2,59	2,83	3,19
Dry Weight [kg]	0,53	0,74	0,95	1,16	1,37	1,69	2,01	2,22	2,64	3,28	3,91	4,33	4,76	5,39
Exp. [n]	1,314	1,273	1,284	1,296	1,307	1,325	1,342	1,345	1,35	1,359	1,341	1,33	1,318	1,301
Nominal flow rate [kg/h]	2,1	3	3,9	4,7	5,6	6,9	8,1	9	10,6	13,1	15,5	17,1	18,7	21,1
Radiation quote [%]	23	23	23	22	22	21	21	21	21	20	20	19	19	18
Surface [m²]	0,05	0,07	0,1	0,12	0,14	0,18	0,21	0,23	0,28	0,35	0,41	0,46	0,5	0,57





# 3 COLUMNS STANDARD HEIGHTS



Elements Width [mm]	HEIGHTS [mm]													
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
<b>3</b>														
138 mm	W	74	104	135	166	196	240	284	313	371	456	541	597	738
<b>4</b>														
184 mm	W	99	139	180	221	261	320	378	417	494	608	721	796	984
<b>5</b>														
230 mm	W	124	174	226	276	326	400	473	522	618	760	901	995	1230
<b>6</b>														
276 mm	W	149	208	271	331	391	480	568	626	741	911	1081	1194	1475
<b>7</b>														
322 mm	W	174	243	316	386	456	560	662	730	865	1063	1261	1393	1721
<b>8</b>														
368 mm	W	198	278	361	442	522	640	757	834	988	1215	1442	1592	1967
<b>9</b>														
414 mm	W	223	312	406	497	587	720	851	939	1112	1367	1622	1791	2213
<b>10</b>														
460 mm	W	248	347	451	552	652	800	946	1043	1235	1519	1802	1990	2459
<b>11</b>														
506 mm	W	273	382	496	607	717	880	1041	1147	1359	1671	1982	2189	2705
<b>12</b>														
552 mm	W	298	416	541	662	782	960	1135	1252	1482	1823	2162	2388	2951
<b>13</b>														
598 mm	W	322	451	586	718	848	1040	1230	1356	1606	1975	2343	2587	3197
<b>14</b>														
644 mm	W	347	486	631	773	913	1120	1324	1460	1729	2127	2523	2786	3443
<b>15</b>														
690 mm	W	372	521	677	828	978	1200	1419	1565	1853	2279	2703	2985	3689
<b>16</b>														
736 mm	W	397	555	722	883	1043	1280	1514	1669	1976	2430	2883	3184	3934
<b>17</b>														
782 mm	W	422	590	767	938	1108	1360	1608	1773	2100	2582	3063	3383	4180
<b>18</b>														
828 mm	W	446	625	812	994	1174	1440	1703	1877	2223	2734	3244	3582	4426
<b>19</b>														
874 mm	W	471	659	857	1049	1239	1520	1797	1982	2347	2886	3424	3781	4672
<b>20</b>														
920 mm	W	496	694	902	1104	1304	1600	1892	2086	2470	3038	3604	3980	4918
<b>21</b>														
966 mm	W	521	729	947	1159	1369	1680	1987	2190	2594	3190	3784	4179	5164
<b>22</b>														
1012 mm	W	546	763	992	1214	1434	1760	2081	2295	2717	3342	3964	4378	5410
<b>23</b>														
1058 mm	W	570	798	1037	1270	1500	1840	2176	2399	2841	3494	4145	4577	5656
<b>24</b>														
1104 mm	W	595	833	1082	1325	1565	1920	2270	2503	2964	3646	4325	4776	5902
<b>25</b>														
1150 mm	W	620	868	1128	1380	1630	2000	2365	2608	3088	3798	4505	4975	6148
<b>26</b>														
1196 mm	W	645	902	1173	1435	1695	2080	2460	2712	3211	3949	4685	5174	6393
<b>27</b>														
1242 mm	W	670	937	1218	1490	1760	2160	2554	2816	3335	4101	4865	5373	6639
<b>28</b>														
1288 mm	W	694	972	1263	1546	1826	2240	2649	2920	3458	4253	5046	5572	6885
<b>29</b>														
1344 mm	W	719	1006	1308	1601	1891	2320	2743	3025	3582	4405	5226	5771	7131
<b>30</b>														
1380 mm	W	744	1041	1353	1656	1956	2400	2838	3129	3705	4557	5406	5970	7377
<b>31</b>														
1426 mm	W	769	1076	1398	1711	2021	2480	2933	3233	3829	4709	5586	6169	7623
<b>32</b>														
1472 mm	W	794	1110	1443	1766	2086	2560	3027	3338	3952	4861	5766	6368	7869
<b>33</b>														
1518 mm	W	818	1145	1488	1822	2152	2640	3122	3442	4076	5013	5947	6567	8115
<b>34</b>														
1564 mm	W	843	1180	1533	1877	2217	2720	3216	3546	4199	5165	6127	6766	8361
<b>35</b>														
1610 mm	W	868	1215	1579	1932	2282	2800	3311	3651	4323	5317	6307	6965	8607
<b>36</b>														
1656 mm	W	893	1249	1624	1987	2347	2880	3406	3755	4446	5468	6487	7164	8852
<b>37</b>														
1702 mm	W	918	1284	1669	2042	2412	2960	3500	3859	4570	5620	6667	7363	9098
<b>38</b>														
1748 mm	W	942	1319	1714	2098	2478	3040	3595	3963	4693	5772	6848	7562	9344
<b>39</b>														
1794 mm	W	967	1353	1759	2153	2543	3120	3689	4068	4817	5924	7028	7761	9590
<b>40</b>														
1840 mm	W	992	1388	1804	2208	2608	3200	3784	4172	4940	6076	7208	7960	9836

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 83 sections with lateral connection, see probes kit at page 465.

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# ARDESIA®

## 4 COLUMNS



page 18

**WARRANTY**  
**5 YEARS**

### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

## CERTIFICATES



## HOW TO ORDER ARDESIA® 4 COLUMNS

### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

### EXAMPLE

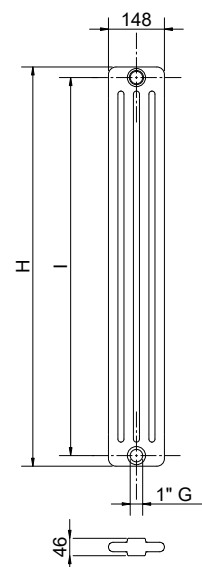
Model and nr of columns E.g.: Ardesia® 4 columns	Nr of Elements E.g.: 12 elements	Height in mm Example: 1200 mm	Code of the connection Example: connection M2	Code of the colour Example: S20 - Jasmine	Constant value
AR4	12	1200	M02	S20	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR4** ARDESIA® 4 COLUMNS  
**12** 12 elements (see the table shown on the side)  
**1200** Height 1200 mm (see the table shown on the side)  
**M02** connection M2 (see page 212-213)  
**S20** colour S20 - Jasmine (see page 486)  
**A** (Constant value)  
 The article code will be:  
**AR4 12 1200 M02 S20 A**

## TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	40,7	58,9	75,5	91,7	107,6	131,3	154,8	169,9	199,7	244,3	290,1	320,9	352,1	399,6
(75/65/20°C) ΔT 50 = W	32	46,8	59,8	72,4	84,7	102,9	120,8	132,7	156,2	191,4	226,6	250,3	274,1	310,2
(65/55/20°C) ΔT 40 = W	23,9	35,3	44,9	54,2	63,2	76,4	89,2	98,1	115,6	142	167,6	184,6	201,7	227,5
(55/45/20°C) ΔT 30 = W	16,3	24,5	31,1	37,3	43,4	52	60,4	66,4	78,5	96,6	113,5	124,7	135,9	152,5
Water content [lt]	0,56	0,72	0,88	1,04	1,2	1,44	1,68	1,84	2,17	2,65	3,13	3,45	3,77	4,25
Dry Weight [kg]	0,71	0,99	1,27	1,55	1,84	2,26	2,68	2,96	3,53	4,37	5,22	5,78	6,35	7,19
Exp. [n]	1,317	1,265	1,28	1,296	1,312	1,335	1,359	1,355	1,348	1,338	1,353	1,364	1,374	1,389
Nominal flow rate [kg/h]	2,8	4	5,1	6,2	7,3	8,8	10,4	11,4	13,4	16,5	19,5	21,5	23,6	26,7
Radiation quote [%]	20	20	19	19	19	19	18	18	18	17	17	16	16	15
Surface [m²]	0,07	0,1	0,13	0,16	0,19	0,23	0,28	0,31	0,37	0,46	0,55	0,61	0,67	0,76



# 4 COLUMNS STANDARD HEIGHTS



Elements Width [mm]	HEIGHTS [mm]														
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500	
3															
138 mm	W	96	140	179	217	254	309	362	398	469	574	680	751	822	931
4															
184 mm	W	128	187	239	290	339	412	483	531	625	766	906	1001	1096	1241
5															
230 mm	W	160	234	299	362	424	515	604	664	781	957	1133	1252	1371	1551
6															
276 mm	W	192	281	359	434	508	617	725	796	937	1148	1360	1502	1645	1861
7															
322 mm	W	224	328	419	507	593	720	846	929	1093	1340	1586	1752	1919	2171
8															
368 mm	W	256	374	478	579	678	823	966	1062	1250	1531	1813	2002	2193	2482
9															
414 mm	W	288	421	538	652	762	926	1087	1194	1406	1723	2039	2253	2467	2792
10															
460 mm	W	320	468	598	724	847	1029	1208	1327	1562	1914	2266	2503	2741	3102
11															
506 mm	W	352	515	658	796	932	1132	1329	1460	1718	2105	2493	2753	3015	3412
12															
552 mm	W	384	562	718	869	1016	1235	1450	1592	1874	2297	2719	3004	3289	3722
13															
598 mm	W	416	608	777	941	1101	1338	1570	1725	2031	2488	2946	3254	3563	4033
14															
644 mm	W	448	655	837	1014	1186	1441	1691	1858	2187	2680	3172	3504	3837	4343
15															
690 mm	W	480	702	897	1086	1271	1544	1812	1991	2343	2871	3399	3755	4112	4653
16															
736 mm	W	512	749	957	1158	1355	1646	1933	2123	2499	3062	3626	4005	4386	4963
17															
782 mm	W	544	796	1017	1231	1440	1749	2054	2256	2655	3254	3852	4255	4660	5273
18															
828 mm	W	576	842	1076	1303	1525	1852	2174	2389	2812	3445	4079	4505	4934	5584
19															
874 mm	W	608	889	1136	1376	1609	1955	2295	2521	2968	3637	4305	4756	5208	5894
20															
920 mm	W	640	936	1196	1448	1694	2058	2416	2654	3124	3828	4532	5006	5482	6204
21															
966 mm	W	672	983	1256	1520	1779	2161	2537	2787	3280	4019	4759	5256	5756	6514
22															
1012 mm	W	704	1030	1316	1593	1863	2264	2658	2919	3436	4211	4985	5507	6030	6824
23															
1058 mm	W	736	1076	1375	1665	1948	2367	2778	3052	3593	4402	5212	5757	6304	7135
24															
1104 mm	W	768	1123	1435	1738	2033	2470	2899	3185	3749	4594	5438	6007	6578	7445
25															
1150 mm	W	800	1170	1495	1810	2118	2573	3020	3318	3905	4785	5665	6258	6853	7755
26															
1196 mm	W	832	1217	1555	1882	2202	2675	3141	3450	4061	4976	5892	6508	7127	8065
27															
1242 mm	W	864	1264	1615	1955	2287	2778	3262	3583	4217	5168	6118	6758	7401	8375
28															
1288 mm	W	896	1310	1674	2027	2372	2881	3382	3716	4374	5359	6345	7008	7675	8686
29															
1344 mm	W	928	1357	1734	2100	2456	2984	3503	3848	4530	5551	6571	7259	7949	8996
30															
1380 mm	W	960	1404	1794	2172	2541	3087	3624	3981	4686	5742	6798	7509	8223	9306
31															
1426 mm	W	992	1451	1854	2244	2626	3190	3745	4114	4842	5933	7025	7759	8497	9616
32															
1472 mm	W	1024	1498	1914	2317	2710	3293	3866	4246	4998	6125	7251	8010	8771	9926
33															
1518 mm	W	1056	1544	1973	2389	2795	3396	3986	4379	5155	6316	7478	8260	9045	10237
34															
1564 mm	W	1088	1591	2033	2462	2880	3499	4107	4512	5311	6508	7704	8510	9319	10547
35															
1610 mm	W	1120	1638	2093	2534	2965	3602	4228	4645	5467	6699	7931	8761	9594	10857
36															
1656 mm	W	1152	1685	2153	2606	3049	3704	4349	4777	5623	6890	8158	9011	9868	11167
37															
1702 mm	W	1184	1732	2213	2679	3134	3807	4470	4910	5779	7082	8384	9261	10142	11477
38															
1748 mm	W	1216	1778	2272	2751	3219	3910	4590	5043	5936	7273	8611	9511	10416	11788
39															
1794 mm	W	1248	1825	2332	2824	3303	4013	4711	5175	6092	7465	8837	9762	10690	12098
40															
1840 mm	W	1280	1872	2392	2896	3388	4116	4832	5308	6248	7656	9064	10012	10964	12408

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 80 sections with lateral connection, see probes kit at page 465.

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT





# ARDESIA®

## 5 COLUMNS



page 20

**WARRANTY**  
**5 YEARS**

### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

## CERTIFICATES



## HOW TO ORDER ARDESIA® 5 COLUMNS

### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

### EXAMPLE

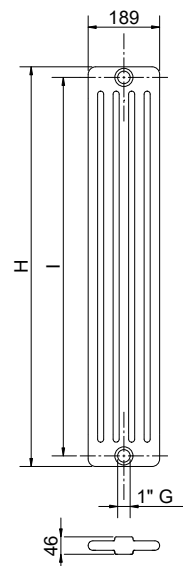
Model and nr of columns E.g.: Ardesia® 5 columns	Nr of Elements E.g.: 10 elements	Height in mm Example: 1800 mm	Code of the connection Example: connection AS8	Code of the colour Example: F37 - Denim Blue	Constant value
AR5	10	1800	AS8	F37	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR5** ARDESIA® 5 COLUMNS  
**10** 10 elements (see the table shown on the side)  
**1800** Height 1800 mm (see the table shown on the side)  
**AS8** connection AS8 (see page 212-213)  
**F37** colour F37 - Denim Blue (see page 486)  
**A** (Constant value)  
 The article code will be:  
**AR5 10 1800 AS8 F37 A**

## TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	50,5	71,9	92,1	111,7	130,9	159,2	186,9	205,4	242,1	297	348,7	382,9	416,7	467,2
(75/65/20°C) ΔT 50 = W	<b>39,7</b>	<b>56,5</b>	<b>72,4</b>	<b>87,7</b>	<b>102,7</b>	<b>124,8</b>	<b>146,4</b>	<b>160,6</b>	<b>188,8</b>	<b>230,4</b>	<b>271,6</b>	<b>299</b>	<b>326,4</b>	<b>367,4</b>
(65/55/20°C) ΔT 40 = W	29,5	42,1	53,9	65,3	76,4	92,7	108,6	118,9	139,2	168,8	200,1	221	242	273,8
(55/45/20°C) ΔT 30 = W	20,1	28,8	36,8	44,6	52,1	63,1	73,9	80,7	93,9	113,1	134,9	149,6	164,6	187,4
Water content [lt]	0,7	0,9	1,1	1,3	1,5	1,8	2,1	2,3	2,7	3,3	3,91	4,31	4,71	5,31
Dry Weight [kg]	0,89	1,24	1,59	1,95	2,3	2,83	3,36	3,71	4,41	5,47	6,53	7,23	7,94	9
Exp. [n]	1,329	1,32	1,323	1,326	1,329	1,334	1,339	1,348	1,366	1,393	1,37	1,356	1,341	1,318
Nominal flow rate [kg/h]	3,4	4,9	6,2	7,5	8,8	10,7	12,6	13,8	16,2	19,8	23,4	25,7	28,1	31,6
Radiation quote [%]	19	19	18	18	18	18	17	17	16	16	15	14	14	13
Surface [m²]	0,09	0,12	0,16	0,2	0,24	0,29	0,35	0,39	0,46	0,58	0,69	0,77	0,84	0,95



# 5 COLUMNS STANDARD HEIGHTS



Elements Width [mm]	HEIGHTS [mm]													
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
<b>3</b>														
138 mm	W	119	170	217	263	308	374	439	482	566	691	815	897	1102
<b>4</b>														
184 mm	W	159	226	290	351	411	499	586	642	755	922	1086	1196	1470
<b>5</b>														
230 mm	W	199	283	362	439	514	624	732	803	944	1152	1358	1495	1837
<b>6</b>														
276 mm	W	238	339	434	526	616	749	878	964	1133	1382	1630	1794	2204
<b>7</b>														
322 mm	W	278	396	507	614	719	874	1025	1124	1322	1613	1901	2093	2572
<b>8</b>														
368 mm	W	318	452	579	702	822	998	1171	1285	1510	1843	2173	2392	2939
<b>9</b>														
414 mm	W	357	509	652	789	924	1123	1318	1445	1699	2074	2444	2691	3307
<b>10</b>														
460 mm	W	397	565	724	877	1027	1248	1464	1606	1888	2304	2716	2990	3674
<b>11</b>														
506 mm	W	437	622	796	965	1130	1373	1610	1767	2077	2534	2988	3289	4041
<b>12</b>														
552 mm	W	476	678	869	1052	1232	1498	1757	1927	2266	2765	3259	3588	4409
<b>13</b>														
598 mm	W	516	735	941	1140	1335	1622	1903	2088	2454	2995	3531	3887	4776
<b>14</b>														
644 mm	W	556	791	1014	1228	1438	1747	2050	2248	2643	3226	3802	4186	5144
<b>15</b>														
690 mm	W	596	848	1086	1316	1541	1872	2196	2409	2832	3456	4074	4485	5511
<b>16</b>														
736 mm	W	635	904	1158	1403	1643	1997	2342	2570	3021	3686	4346	4784	5878
<b>17</b>														
782 mm	W	675	961	1231	1491	1746	2122	2489	2730	3210	3917	4617	5083	6246
<b>18</b>														
828 mm	W	715	1017	1303	1579	1849	2246	2635	2891	3398	4147	4889	5382	6613
<b>19</b>														
874 mm	W	754	1074	1376	1666	1951	2371	2782	3051	3587	4378	5160	5681	6981
<b>20</b>														
920 mm	W	794	1130	1448	1754	2054	2496	2928	3212	3776	4608	5432	5980	7348
<b>21</b>														
966 mm	W	834	1187	1520	1842	2157	2621	3074	3373	3965	4838	5704	6279	7715
<b>22</b>														
1012 mm	W	873	1243	1593	1929	2259	2746	3221	3533	4154	5069	5975	6578	8083
<b>23</b>														
1058 mm	W	913	1300	1665	2017	2362	2870	3367	3694	4342	5299	6247	6877	8450
<b>24</b>														
1104 mm	W	953	1356	1738	2105	2465	2995	3514	3854	4531	5530	6518	7176	8818
<b>25</b>														
1150 mm	W	993	1413	1810	2193	2568	3120	3660	4015	4720	5760	6790	7475	9185
<b>26</b>														
1196 mm	W	1032	1469	1882	2280	2670	3245	3806	4176	4909	5990	7062	7774	9552
<b>27</b>														
1242 mm	W	1072	1526	1955	2368	2773	3370	3953	4336	5098	6221	7333	8073	9920
<b>28</b>														
1288 mm	W	1112	1582	2027	2456	2876	3494	4099	4497	5286	6451	7605	8372	10287
<b>29</b>														
1344 mm	W	1151	1639	2100	2543	2978	3619	4246	4657	5475	6682	7876	8671	10655
<b>30</b>														
1380 mm	W	1191	1695	2172	2631	3081	3744	4392	4818	5664	6912	8148	8970	11022
<b>31</b>														
1426 mm	W	1231	1752	2244	2719	3184	3869	4538	4979	5853	7142	8420	9269	11389
<b>32</b>														
1472 mm	W	1270	1808	2317	2806	3286	3994	4685	5139	6042	7373	8691	9568	11757
<b>33</b>														
1518 mm	W	1310	1865	2389	2894	3389	4118	4831	5300	6230	7603	8963	9867	12124
<b>34</b>														
1564 mm	W	1350	1921	2462	2982	3492	4243	4978	5460	6419	7834	9234	10166	12492
<b>35</b>														
1610 mm	W	1390	1978	2534	3070	3595	4368	5124	5621	6608	8064	9506	10465	12859
<b>36</b>														
1656 mm	W	1429	2034	2606	3157	3697	4493	5270	5782	6797	8294	9778	10764	13226
<b>37</b>														
1702 mm	W	1469	2091	2679	3245	3800	4618	5417	5942	6986	8525	10049	11063	13594
<b>38</b>														
1748 mm	W	1509	2147	2751	3333	3903	4742	5563	6103	7174	8755	10321	11362	13961
<b>39</b>														
1794 mm	W	1548	2204	2824	3420	4005	4867	5710	6263	7363	8986	10592	11661	14329
<b>40</b>														
1840 mm	W	1588	2260	2896	3508	4108	4992	5856	6424	7552	9216	10864	11960	14696

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 70 sections with lateral connection, see probes kit at page 465.



# ARDESIA®

## 6 COLUMNS



page **22**

**WARRANTY**  
**5 YEARS**

### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes  $\varnothing$  25 mm.

### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

## CERTIFICATES



## HOW TO ORDER ARDESIA® 6 COLUMNS

### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

### EXAMPLE

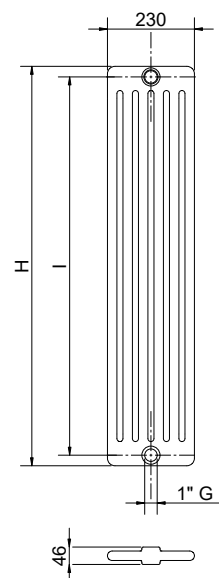
Model and nr of columns E.g.: Ardesia® 6 columns	Nr of Elements E.g.: 35 elements	Height in mm Example: 300 mm	Code of the connection Example: connection 24	Code of the colour Example: F36 - Terra	Constant value
AR6	35	0300	024	F36	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR6** ARDESIA® 6 COLUMNS  
**35** 35 elements (see the table shown on the side)  
**0300** Height 300 mm (see the table shown on the side)  
**024** connection 24 (see page 212-213)  
**F36** colour F36 - Terra (see page 486)  
**A** (Constant value)  
 The article code will be:  
**AR6 35 0300 024 F36 A**

## TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) $\Delta T$ 60 = W	61,9	86,1	110,9	134,7	157,6	190,7	222,4	244,2	287,1	349,7	403,4	437,2	469,6	515,6
(75/65/20°C) $\Delta T$ 50 = W	48,7	67,7	87,3	106,2	124,5	150,9	176,4	192,9	224,7	270	312,7	339,8	366	403,4
(65/55/20°C) $\Delta T$ 40 = W	36,3	50,4	65,1	79,3	93,2	113,3	132,8	144,4	166,5	196,8	229	249,7	269,7	298,8
(55/45/20°C) $\Delta T$ 30 = W	24,8	34,5	44,6	54,5	64,2	78,3	92,1	99,5	113,1	130,8	153,2	167,8	182	202,9
Water content [lt]	0,8	1,1	1,3	1,6	1,8	2,2	2,5	2,8	3,2	4	4,7	5,2	5,6	6,4
Dry Weight [kg]	1,07	1,49	1,92	2,34	2,76	3,4	4,03	4,46	5,3	6,57	7,84	8,69	9,53	10,8
Exp. [n]	1,318	1,322	1,313	1,305	1,296	1,284	1,271	1,296	1,345	1,418	1,396	1,382	1,367	1,345
Nominal flow rate [kg/h]	4,2	5,8	7,5	9,1	10,7	13	15,2	16,6	19,3	23,2	26,9	29,2	31,5	34,7
Radiation quote [%]	19	19	18	18	18	17	17	17	16	15	14	14	13	12
Surface [m <sup>2</sup> ]	0,11	0,15	0,19	0,24	0,29	0,35	0,42	0,47	0,56	0,69	0,83	0,92	1,01	1,14





# 6 COLUMNS STANDARD HEIGHTS

Elements Width [mm]	HEIGHTS [mm]													
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
<b>3</b>														
138 mm	W	146	203	262	319	374	453	529	579	674	810	938	1019	1210
<b>4</b>														
184 mm	W	195	271	349	425	498	604	706	772	899	1080	1251	1359	1464
<b>5</b>														
230 mm	W	244	339	437	531	623	755	882	965	1124	1350	1564	1699	2017
<b>6</b>														
276 mm	W	292	406	524	637	747	905	1058	1157	1348	1620	1876	2039	2196
<b>7</b>														
322 mm	W	341	474	611	743	872	1056	1235	1350	1573	1890	2189	2379	2562
<b>8</b>														
368 mm	W	390	542	698	850	996	1207	1411	1543	1798	2160	2502	2718	2928
<b>9</b>														
414 mm	W	438	609	786	956	1121	1358	1588	1736	2022	2430	2814	3058	3294
<b>10</b>														
460 mm	W	487	677	873	1062	1245	1509	1764	1929	2247	2700	3127	3398	3660
<b>11</b>														
506 mm	W	536	745	960	1168	1370	1660	1940	2122	2472	2970	3440	3738	4026
<b>12</b>														
552 mm	W	584	812	1048	1274	1494	1811	2117	2315	2696	3240	3752	4078	4392
<b>13</b>														
598 mm	W	633	880	1135	1381	1619	1962	2293	2508	2921	3510	4065	4417	4758
<b>14</b>														
644 mm	W	682	948	1222	1487	1743	2113	2470	2701	3146	3780	4378	4757	5124
<b>15</b>														
690 mm	W	731	1016	1310	1593	1868	2264	2646	2894	3371	4050	4691	5097	5490
<b>16</b>														
736 mm	W	779	1083	1397	1699	1992	2414	2822	3086	3595	4320	5003	5437	5856
<b>17</b>														
782 mm	W	828	1151	1484	1805	2117	2565	2999	3279	3820	4590	5316	5777	6222
<b>18</b>														
828 mm	W	877	1219	1571	1912	2241	2716	3175	3472	4045	4860	5629	6116	6588
<b>19</b>														
874 mm	W	925	1286	1659	2018	2366	2867	3352	3665	4269	5130	5941	6456	6954
<b>20</b>														
920 mm	W	974	1354	1746	2124	2490	3018	3528	3858	4494	5400	6254	6796	7320
<b>21</b>														
966 mm	W	1023	1422	1833	2230	2615	3169	3704	4051	4719	5670	6567	7136	7686
<b>22</b>														
1012 mm	W	1071	1489	1921	2336	2739	3320	3881	4244	4943	5940	6879	7476	8052
<b>23</b>														
1058 mm	W	1120	1557	2008	2443	2864	3471	4057	4437	5168	6210	7192	7815	8418
<b>24</b>														
1104 mm	W	1169	1625	2095	2549	2988	3622	4234	4630	5393	6480	7505	8155	8784
<b>25</b>														
1150 mm	W	1218	1693	2183	2655	3113	3773	4410	4823	5618	6750	7818	8495	9150
<b>26</b>														
1196 mm	W	1266	1760	2270	2761	3237	3923	4586	5015	5842	7020	8130	8835	9516
<b>27</b>														
1242 mm	W	1315	1828	2357	2867	3362	4074	4763	5208	6067	7290	8443	9175	9882
<b>28</b>														
1288 mm	W	1364	1896	2444	2974	3486	4225	4939	5401	6292	7560	8756	9514	10248
<b>29</b>														
1344 mm	W	1412	1963	2532	3080	3611	4376	5116	5594	6516	7830	9068	9854	10614
<b>30</b>														
1380 mm	W	1461	2031	2619	3186	3735	4527	5292	5787	6741	8100	9381	10194	10980
<b>31</b>														
1426 mm	W	1510	2099	2706	3292	3860	4678	5468	5980	6966	8370	9694	10534	11346
<b>32</b>														
1472 mm	W	1558	2166	2794	3398	3984	4829	5645	6173	7190	8640	10006	10874	11712
<b>33</b>														
1518 mm	W	1607	2234	2881	3505	4109	4980	5821	6366	7415	8910	10319	11213	12078
<b>34</b>														
1564 mm	W	1656	2302	2968	3611	4233	5131	5998	6559	7640	9180	10632	11553	12444
<b>35</b>														
1610 mm	W	1705	2370	3056	3717	4358	5282	6174	6752	7865	9450	10945	11893	12810
<b>36</b>														
1656 mm	W	1753	2437	3143	3823	4482	5432	6350	6944	8089	9720	11257	12233	13176
<b>37</b>														
1702 mm	W	1802	2505	3230	3929	4607	5583	6527	7137	8314	9990	11570	12573	13542
<b>38</b>														
1748 mm	W	1851	2573	3317	4036	4731	5734	6703	7330	8539	10260	11883	12912	13908
<b>39</b>														
1794 mm	W	1899	2640	3405	4142	4856	5885	6880	7523	8763	10530	12195	13252	14274
<b>40</b>														
1840 mm	W	1948	2708	3492	4248	4980	6036	7056	7716	8988	10800	12508	13592	14640

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 55 sections with lateral connection, see probes kit at page 465.



# ARDESIA®

## 2 COLUMNS

### FOR REPLACEMENT



page **15**

**WARRANTY**  
**5 YEARS**

#### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes  $\varnothing$  25 mm.

#### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

#### PAINTING PROCESS:

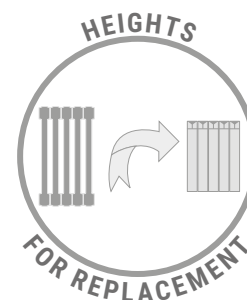
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

#### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

#### CERTIFICATES



#### HOW TO ORDER ARDESIA® 2 COLUMNS

##### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

##### EXAMPLE

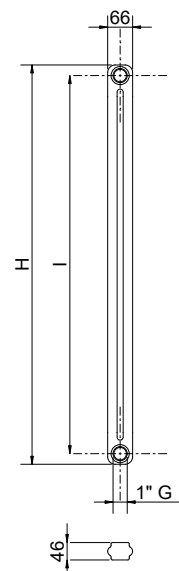
Model and nr of columns E.g.: Ardesia® 2 columns	Nr of Elements E.g.: 12 elements	Height in mm Example: 756 mm	Code of the connection Example: connection 2	Code of the colour Example: H48 - Dove	Constant value
AR2	12	0756	002	H48	A

##### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR2** ARDESIA® 2 COLUMNS  
**12** 12 elements (see the table shown on the side)  
**0756** Height 756 mm (see the table shown on the side)  
**002** connection 2 (see page 212-213)  
**H48** colour H48 - Dove (see page 486)  
**A** (Constant value)  
 The article code will be:  
**AR2 12 0756 002 H48 A**

#### TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) $\Delta T$ 60 = W	66,5	84,7	55,6	64,7	73,7	82,8	157,6	177,2	197,4	58,3	61,9	76,4	89,2
(75/65/20°C) $\Delta T$ 50 = W	52,4	66,5	44	51	58	65,1	123,1	138,4	154,2	46,1	48,9	60,1	70
(65/55/20°C) $\Delta T$ 40 = W	39,2	49,4	33,1	38,2	43,3	48,4	91	102,3	114	34,6	36,7	44,9	52
(55/45/20°C) $\Delta T$ 30 = W	27	33,7	22,9	26,3	29,7	33,1	61,6	69,3	77,2	23,9	25,3	30,7	35,4
Water content [lt]	0,67	0,83	0,58	0,66	0,74	0,82	1,46	1,62	1,78	0,6	0,63	0,76	0,78
Dry Weight [kg]	1,02	1,3	0,85	0,99	1,13	1,27	2,4	2,69	2,98	0,89	0,95	1,18	1,29
Exp. [n]	1,299	1,327	1,283	1,297	1,311	1,324	1,355	1,355	1,355	1,287	1,292	1,315	1,332
Nominal flow rate [kg/h]	4,5	5,7	3,8	4,4	5	5,6	10,6	11,9	13,3	4	4,2	5,2	6
Radiation quote [%]	24	24	25	25	24	24	23	23	23	25	25	25	24
Surface [m²]	0,11	0,14	0,09	0,1	0,12	0,13	0,25	0,28	0,31	0,09	0,12	0,1	0,14



# 2 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	157	200	132	153	174	195	369	415	463	138	147	180	210
4														
184 mm	W	210	266	176	204	232	260	492	554	617	184	196	240	280
5														
230 mm	W	262	333	220	255	290	326	616	692	771	231	245	301	350
6														
276 mm	W	314	399	264	306	348	391	739	830	925	277	293	361	420
7														
322 mm	W	367	466	308	357	406	456	862	969	1079	323	342	421	490
8														
368 mm	W	419	532	352	408	464	521	985	1107	1234	369	391	481	560
9														
414 mm	W	472	599	396	459	522	586	1108	1246	1388	415	440	541	630
10														
460 mm	W	524	665	440	510	580	651	1231	1384	1542	461	489	601	700
11														
506 mm	W	576	732	484	561	638	716	1354	1522	1696	507	538	661	770
12														
552 mm	W	629	798	528	612	696	781	1477	1661	1850	553	587	721	840
13														
598 mm	W	681	865	572	663	754	846	1600	1799	2005	599	636	781	910
14														
644 mm	W	734	931	616	714	812	911	1723	1938	2159	645	685	841	980
15														
690 mm	W	786	998	660	765	870	977	1847	2076	2313	692	734	902	1050
16														
736 mm	W	838	1064	704	816	928	1042	1970	2214	2467	738	782	962	1120
17														
782 mm	W	891	1131	748	867	986	1107	2093	2353	2621	784	831	1022	1190
18														
828 mm	W	943	1197	792	918	1044	1172	2216	2491	2776	830	880	1082	1260
19														
874 mm	W	996	1264	836	969	1102	1237	2339	2630	2930	876	929	1142	1330
20														
920 mm	W	1048	1330	880	1020	1160	1302	2462	2768	3084	922	978	1202	1400
21														
966 mm	W	1100	1397	924	1071	1218	1367	2585	2906	3238	968	1027	1262	1470
22														
1012 mm	W	1153	1463	968	1122	1276	1432	2708	3045	3392	1014	1076	1322	1540
23														
1058 mm	W	1205	1530	1012	1173	1334	1497	2831	3183	3547	1060	1125	1382	1610
24														
1104 mm	W	1258	1596	1056	1224	1392	1562	2954	3322	3701	1106	1174	1442	1680
25														
1150 mm	W	1310	1663	1100	1275	1450	1628	3078	3460	3855	1153	1223	1503	1750
26														
1196 mm	W	1362	1729	1144	1326	1508	1693	3201	3598	4009	1199	1271	1563	1820
27														
1242 mm	W	1415	1796	1188	1377	1566	1758	3324	3737	4163	1245	1320	1623	1890
28														
1288 mm	W	1467	1862	1232	1428	1624	1823	3447	3875	4318	1291	1369	1683	1960
29														
1344 mm	W	1520	1929	1276	1479	1682	1888	3570	4014	4472	1337	1418	1743	2030
30														
1380 mm	W	1572	1995	1320	1530	1740	1953	3693	4152	4626	1383	1467	1803	2100
31														
1426 mm	W	1624	2062	1364	1581	1798	2018	3816	4290	4780	1429	1516	1863	2170
32														
1472 mm	W	1677	2128	1408	1632	1856	2083	3939	4429	4934	1475	1565	1923	2240
33														
1518 mm	W	1729	2195	1452	1683	1914	2148	4062	4567	5089	1521	1614	1983	2310
34														
1564 mm	W	1782	2261	1496	1734	1972	2213	4185	4706	5243	1567	1663	2043	2380
35														
1610 mm	W	1834	2328	1540	1785	2030	2279	4309	4844	5397	1614	1712	2104	2450
36														
1656 mm	W	1886	2394	1584	1836	2088	2344	4432	4982	5551	1660	1760	2164	2520
37														
1702 mm	W	1939	2461	1628	1887	2146	2409	4555	5121	5705	1706	1809	2224	2590
38														
1748 mm	W	1991	2527	1672	1938	2204	2474	4678	5259	5860	1752	1858	2284	2660
39														
1794 mm	W	2044	2594	1716	1989	2262	2539	4801	5398	6014	1798	1907	2344	2730
40														
1840 mm	W	2096	2660	1760	2040	2320	2604	4924	5536	6168	1844	1956	2404	2800

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 85 sections with lateral connection, see probes kit at page 465.





# ARDESIA®

## 3 COLUMNS

### FOR REPLACEMENT



page **16**

**WARRANTY**  
**5 YEARS**

#### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes  $\varnothing$  25 mm.

#### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

#### PAINTING PROCESS:

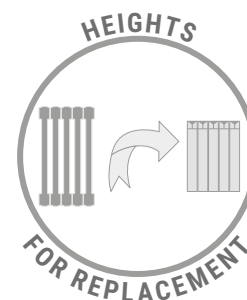
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

#### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

#### CERTIFICATES



#### HOW TO ORDER ARDESIA® 3 COLUMNS

##### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

##### EXAMPLE

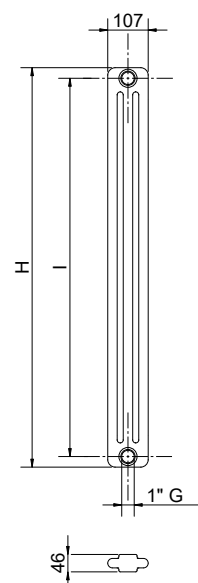
Model and nr of columns E.g.: Ardesia® 3 columns	Nr of Elements E.g.: 14 elements	Height in mm Example: 586 mm	Code of the connection Example: connection 2	Code of the colour Example: R01 - White	Constant value
AR3	14	0586	002	R01	A

##### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR3**..... ARDESIA® 3 Columns  
**14**..... 14 elements (see the table shown on the side)  
**0586**..... Height 586 mm (see the table shown on the side)  
**002**..... connection 2 (see page 212-213)  
**R01**..... colour R01 - White (see page 486)  
**A**..... (Constant value)  
 The article code will be:  
**AR3 14 0586 002 R01 A**

#### TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) $\Delta T$ 60 = W	92,5	117,8	77,2	90	102,7	115,3	213,2	236,6	260,1	81	86,1	106,5	124,1
(75/65/20°C) $\Delta T$ 50 = W	72,8	92,3	60,9	70,8	80,6	90,4	166,7	185,5	204,3	63,8	67,8	83,6	97,2
(65/55/20°C) $\Delta T$ 40 = W	54,3	68,5	45,5	52,8	60	67,1	123,3	137,6	151,9	47,7	50,6	62,1	72
(55/45/20°C) $\Delta T$ 30 = W	37,2	46,6	31,3	36,2	41	45,7	83,6	93,6	103,7	32,8	34,7	42,4	48,9
Water content [lt]	1	1,24	0,85	0,97	1,09	1,21	2,18	2,42	2,66	0,89	0,94	1,13	1,26
Dry Weight [kg]	1,53	1,96	1,28	1,49	1,7	1,91	3,61	4,04	4,47	1,34	1,43	1,77	1,95
Exp. [n]	1,316	1,339	1,302	1,314	1,325	1,337	1,35	1,338	1,326	1,306	1,31	1,329	1,343
Nominal flow rate [kg/h]	6,3	7,9	5,2	6,1	6,9	7,8	14,3	16	17,6	5,5	5,8	7,2	8,4
Radiation quote [%]	22	22	22	22	22	22	20	19	19	22	22	22	21
Surface [m²]	0,16	0,2	0,13	0,15	0,18	0,2	0,38	0,43	0,47	0,14	0,15	0,18	0,22



# 3 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	218	277	183	212	242	271	500	557	613	191	203	251	292
4														
184 mm	W	291	369	244	283	322	362	667	742	817	255	271	334	389
5														
230 mm	W	364	462	305	354	403	452	834	928	1022	319	339	418	486
6														
276 mm	W	437	554	365	425	484	542	1000	1113	1226	383	407	502	583
7														
322 mm	W	510	646	426	496	564	633	1167	1299	1430	447	475	585	680
8														
368 mm	W	582	738	487	566	645	723	1334	1484	1634	510	542	669	778
9														
414 mm	W	655	831	548	637	725	814	1500	1670	1839	574	610	752	875
10														
460 mm	W	728	923	609	708	806	904	1667	1855	2043	638	678	836	972
11														
506 mm	W	801	1015	670	779	887	994	1834	2041	2247	702	746	920	1069
12														
552 mm	W	874	1108	731	850	967	1085	2000	2226	2452	766	814	1003	1166
13														
598 mm	W	946	1200	792	920	1048	1175	2167	2412	2656	829	881	1087	1264
14														
644 mm	W	1019	1292	853	991	1128	1266	2334	2597	2860	893	949	1170	1361
15														
690 mm	W	1092	1385	914	1062	1209	1356	2501	2783	3065	957	1017	1254	1458
16														
736 mm	W	1165	1477	974	1133	1290	1446	2667	2968	3269	1021	1085	1338	1555
17														
782 mm	W	1238	1569	1035	1204	1370	1537	2834	3154	3473	1085	1153	1421	1652
18														
828 mm	W	1310	1661	1096	1274	1451	1627	3001	3339	3677	1148	1220	1505	1750
19														
874 mm	W	1383	1754	1157	1345	1531	1718	3167	3525	3882	1212	1288	1588	1847
20														
920 mm	W	1456	1846	1218	1416	1612	1808	3334	3710	4086	1276	1356	1672	1944
21														
966 mm	W	1529	1938	1279	1487	1693	1898	3501	3896	4290	1340	1424	1756	2041
22														
1012 mm	W	1602	2031	1340	1558	1773	1989	3667	4081	4495	1404	1492	1839	2138
23														
1058 mm	W	1674	2123	1401	1628	1854	2079	3834	4267	4699	1467	1559	1923	2236
24														
1104 mm	W	1747	2215	1462	1699	1934	2170	4001	4452	4903	1531	1627	2006	2333
25														
1150 mm	W	1820	2308	1523	1770	2015	2260	4168	4638	5108	1595	1695	2090	2430
26														
1196 mm	W	1893	2400	1583	1841	2096	2350	4334	4823	5312	1659	1763	2174	2527
27														
1242 mm	W	1966	2492	1644	1912	2176	2441	4501	5009	5516	1723	1831	2257	2624
28														
1288 mm	W	2038	2584	1705	1982	2257	2531	4668	5194	5720	1786	1898	2341	2722
29														
1344 mm	W	2111	2677	1766	2053	2337	2622	4834	5380	5925	1850	1966	2424	2819
30														
1380 mm	W	2184	2769	1827	2124	2418	2712	5001	5565	6129	1914	2034	2508	2916
31														
1426 mm	W	2257	2861	1888	2195	2499	2802	5168	5751	6333	1978	2102	2592	3013
32														
1472 mm	W	2330	2954	1949	2266	2579	2893	5334	5936	6538	2042	2170	2675	3110
33														
1518 mm	W	2402	3046	2010	2336	2660	2983	5501	6122	6742	2105	2237	2759	3208
34														
1564 mm	W	2475	3138	2071	2407	2740	3074	5668	6307	6946	2169	2305	2842	3305
35														
1610 mm	W	2548	3231	2132	2478	2821	3164	5835	6493	7151	2233	2373	2926	3402
36														
1656 mm	W	2621	3323	2192	2549	2902	3254	6001	6678	7355	2297	2441	3010	3499
37														
1702 mm	W	2694	3415	2253	2620	2982	3345	6168	6864	7559	2361	2509	3093	3596
38														
1748 mm	W	2766	3507	2314	2690	3063	3435	6335	7049	7763	2424	2576	3177	3694
39														
1794 mm	W	2839	3600	2375	2761	3143	3526	6501	7235	7968	2488	2644	3260	3791
40														
1840 mm	W	2912	3692	2436	2832	3224	3616	6668	7420	8172	2552	2712	3344	3888

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 83 sections with lateral connection, see probes kit at page 465.



# ARDESIA®

## 4 COLUMNS

### FOR REPLACEMENT



page 19

**WARRANTY**  
**5 YEARS**

#### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes  $\varnothing$  25 mm.

#### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

#### PAINTING PROCESS:

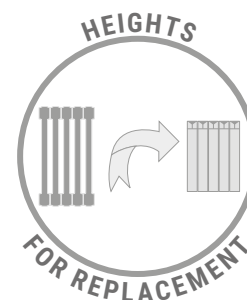
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

#### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

#### CERTIFICATES



#### HOW TO ORDER ARDESIA® 4 COLUMNS

##### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

##### EXAMPLE

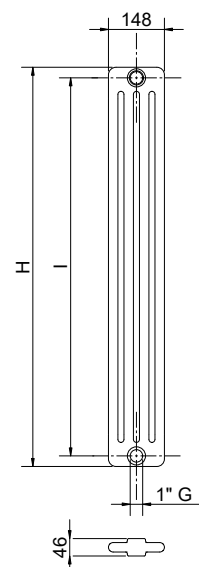
Model and nr of columns E.g.: Ardesia® 4 columns	Nr of Elements E.g.: 18 elements	Height in mm Example: 876 mm	Code of the connection Example: connection 2	Code of the colour Example: S20 - Jasmine	Constant value
AR4	18	0876	002	S20	A

##### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR4**..... ARDESIA® 4 COLUMNS  
**18**..... 18 elements (see the table shown on the side)  
**0876**..... Height 876 mm (see the table shown on the side)  
**002**..... connection 2 (see page 212-213)  
**S20**..... colour S20 - Jasmine (see page 486)  
**A**..... (Constant value)  
 The article code will be:  
**AR4 18 0876 002 S20 A**

#### TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) $\Delta T$ 60 = W	119,6	151	100,6	116,5	132,2	147,9	268	298,7	329,6	105,4	111,7	136,9	158,7
(75/65/20°C) $\Delta T$ 50 = W	94	118	79,3	91,6	103,6	115,6	209,7	233,3	256,9	83	87,9	107,2	123,9
(65/55/20°C) $\Delta T$ 40 = W	70	87,2	59,3	68,2	76,9	85,5	155,3	172,3	189,4	62	65,5	79,5	91,5
(55/45/20°C) $\Delta T$ 30 = W	47,8	59,1	40,7	46,6	52,4	58	105,5	116,7	127,8	42,5	44,9	54,1	61,9
Water content [lt]	1,32	1,65	1,13	1,29	1,45	1,61	2,9	3,22	3,54	1,18	1,24	1,5	1,7
Dry Weight [kg]	2,05	2,61	1,71	1,99	2,28	2,56	4,81	5,4	5,96	1,79	1,91	2,37	2,6
Exp. [n]	1,324	1,355	1,305	1,32	1,336	1,352	1,346	1,356	1,366	1,309	1,316	1,341	1,358
Nominal flow rate [kg/h]	8,1	10,1	6,8	7,9	8,9	9,9	18	20,1	22,1	7,1	7,6	9,2	10,7
Radiation quote [%]	19	19	19	19	19	19	17	16	16	19	19	19	18
Surface [m²]	0,21	0,27	0,18	0,21	0,24	0,27	0,51	0,57	0,63	0,19	0,2	0,25	0,29





# 4 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	282	354	238	275	311	347	629	700	771	249	264	322	372
4														
184 mm	W	376	472	317	366	414	462	839	933	1028	332	352	429	496
5														
230 mm	W	470	590	397	458	518	578	1049	1167	1285	415	440	536	620
6														
276 mm	W	564	708	476	550	622	694	1258	1400	1541	498	527	643	743
7														
322 mm	W	658	826	555	641	725	809	1468	1633	1798	581	615	750	867
8														
368 mm	W	752	944	634	733	829	925	1678	1866	2055	664	703	858	991
9														
414 mm	W	846	1062	714	824	932	1040	1887	2100	2312	747	791	965	1115
10														
460 mm	W	940	1180	793	916	1036	1156	2097	2333	2569	830	879	1072	1239
11														
506 mm	W	1034	1298	872	1008	1140	1272	2307	2566	2826	913	967	1179	1363
12														
552 mm	W	1128	1416	952	1099	1243	1387	2516	2800	3083	996	1055	1286	1487
13														
598 mm	W	1222	1534	1031	1191	1347	1503	2726	3033	3340	1079	1143	1394	1611
14														
644 mm	W	1316	1652	1110	1282	1450	1618	2936	3266	3597	1162	1231	1501	1735
15														
690 mm	W	1410	1770	1190	1374	1554	1734	3146	3500	3854	1245	1319	1608	1859
16														
736 mm	W	1504	1888	1269	1466	1658	1850	3355	3733	4110	1328	1406	1715	1982
17														
782 mm	W	1598	2006	1348	1557	1761	1965	3565	3966	4367	1411	1494	1822	2106
18														
828 mm	W	1692	2124	1427	1649	1865	2081	3775	4199	4624	1494	1582	1930	2230
19														
874 mm	W	1786	2242	1507	1740	1968	2196	3984	4433	4881	1577	1670	2037	2354
20														
920 mm	W	1880	2360	1586	1832	2072	2312	4194	4666	5138	1660	1758	2144	2478
21														
966 mm	W	1974	2478	1665	1924	2176	2428	4404	4899	5395	1743	1846	2251	2602
22														
1012 mm	W	2068	2596	1745	2015	2279	2543	4613	5133	5652	1826	1934	2358	2726
23														
1058 mm	W	2162	2714	1824	2107	2383	2659	4823	5366	5909	1909	2022	2466	2850
24														
1104 mm	W	2256	2832	1903	2198	2486	2774	5033	5599	6166	1992	2110	2573	2974
25														
1150 mm	W	2350	2950	1983	2290	2590	2890	5243	5833	6423	2075	2198	2680	3098
26														
1196 mm	W	2444	3068	2062	2382	2694	3006	5452	6066	6679	2158	2285	2787	3221
27														
1242 mm	W	2538	3186	2141	2473	2797	3121	5662	6299	6936	2241	2373	2894	3345
28														
1288 mm	W	2632	3304	2220	2565	2901	3237	5872	6532	7193	2324	2461	3002	3469
29														
1344 mm	W	2726	3422	2300	2656	3004	3352	6081	6766	7450	2407	2549	3109	3593
30														
1380 mm	W	2820	3540	2379	2748	3108	3468	6291	6999	7707	2490	2637	3216	3717
31														
1426 mm	W	2914	3658	2458	2840	3212	3584	6501	7232	7964	2573	2725	3323	3841
32														
1472 mm	W	3008	3776	2538	2931	3315	3699	6710	7466	8221	2656	2813	3430	3965
33														
1518 mm	W	3102	3894	2617	3023	3419	3815	6920	7699	8478	2739	2901	3538	4089
34														
1564 mm	W	3196	4012	2696	3114	3522	3930	7130	7932	8735	2822	2989	3645	4213
35														
1610 mm	W	3290	4130	2776	3206	3626	4046	7340	8166	8992	2905	3077	3752	4337
36														
1656 mm	W	3384	4248	2855	3298	3730	4162	7549	8399	9248	2988	3164	3859	4460
37														
1702 mm	W	3478	4366	2934	3389	3833	4277	7759	8632	9505	3071	3252	3966	4584
38														
1748 mm	W	3572	4484	3013	3481	3937	4393	7969	8865	9762	3154	3340	4074	4708
39														
1794 mm	W	3666	4602	3093	3572	4040	4508	8178	9099	10019	3237	3428	4181	4832
40														
1840 mm	W	3760	4720	3172	3664	4144	4624	8388	9332	10276	3320	3516	4288	4956

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 80 sections with lateral connection, see probes kit at page 465.



# ARDESIA®

## 5 COLUMNS

### FOR REPLACEMENT



page 20

WARRANTY  
5 YEARS

#### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.

#### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

#### PAINTING PROCESS:

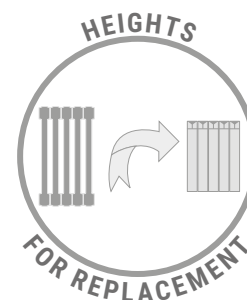
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

#### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

#### CERTIFICATES



#### HOW TO ORDER ARDESIA® 5 COLUMNS

##### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

##### EXAMPLE

Model and nr of columns E.g.: Ardesia® 5 columns	Nr of Elements E.g.: 22 elements	Height in mm Example: 556 mm	Code of the connection Example: connection 2	Code of the colour Example: F37 - Denim Blue	Constant value
AR5	22	0556	002	F37	A

##### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AR5**..... ARDESIA® 5 Columns

**22**..... 22 elements (see the table shown on the side)

**0556**..... Height 556 mm (see the table shown on the side)

**002**..... connection 2 (see page 212-213)

**F37**..... colour F37 - Denim Blue (see page 486)

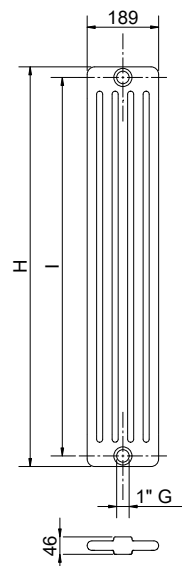
**A**..... (Constant value)

The article code will be:

**AR5 22 0556 002 F37 A**

#### TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	145,3	182,5	122,5	141,5	160,3	178,8	324	358,3	392,4	128,3	135,9	165,9	191,7
(75/65/20°C) ΔT 50 = W	114	143	96,2	111	125,7	140,1	251,9	279,3	306,7	100,7	106,6	130	150,1
(65/55/20°C) ΔT 40 = W	84,7	106,1	71,5	82,5	93,3	103,9	185,1	205,9	226,9	74,8	79,2	96,5	111,3
(55/45/20°C) ΔT 30 = W	57,7	72,2	48,8	56,3	63,6	70,7	124,4	139	153,8	51,1	54	65,7	75,6
Water content [lt]	1,65	2,05	1,41	1,61	1,81	2,01	3,62	4,02	4,42	1,47	1,55	1,87	2,13
Dry Weight [kg]	2,57	3,27	2,14	2,5	2,85	3,2	6,02	6,75	7,45	2,24	2,39	2,97	3,26
Exp. [n]	1,332	1,338	1,328	1,331	1,335	1,338	1,381	1,366	1,351	1,329	1,33	1,335	1,342
Nominal flow rate [kg/h]	9,8	12,3	8,3	9,5	10,8	12	21,7	24	26,4	8,7	9,2	11,2	12,9
Radiation quote [%]	18	17	18	18	18	17	15	15	14	18	18	17	17
Surface [m²]	0,27	0,34	0,22	0,26	0,3	0,33	0,64	0,71	0,79	0,23	0,25	0,31	0,36



# 5 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres		620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	342	429	289	333	377	420	756	838	920	302	320	390	450
4														
184 mm	W	456	572	385	444	503	560	1008	1117	1227	403	426	520	600
5														
230 mm	W	570	715	481	555	629	701	1260	1397	1534	504	533	650	751
6														
276 mm	W	684	858	577	666	754	841	1511	1676	1840	604	640	780	901
7														
322 mm	W	798	1001	673	777	880	981	1763	1955	2147	705	746	910	1051
8														
368 mm	W	912	1144	770	888	1006	1121	2015	2234	2454	806	853	1040	1201
9														
414 mm	W	1026	1287	866	999	1131	1261	2267	2514	2760	906	959	1170	1351
10														
460 mm	W	1140	1430	962	1110	1257	1401	2519	2793	3067	1007	1066	1300	1501
11														
506 mm	W	1254	1573	1058	1221	1383	1541	2771	3072	3374	1108	1173	1430	1651
12														
552 mm	W	1368	1716	1154	1332	1508	1681	3023	3352	3680	1208	1279	1560	1801
13														
598 mm	W	1482	1859	1251	1443	1634	1821	3275	3631	3987	1309	1386	1690	1951
14														
644 mm	W	1596	2002	1347	1554	1760	1961	3527	3910	4294	1410	1492	1820	2101
15														
690 mm	W	1710	2145	1443	1665	1886	2102	3779	4190	4601	1511	1599	1950	2252
16														
736 mm	W	1824	2288	1539	1776	2011	2242	4030	4469	4907	1611	1706	2080	2402
17														
782 mm	W	1938	2431	1635	1887	2137	2382	4282	4748	5214	1712	1812	2210	2552
18														
828 mm	W	2052	2574	1732	1998	2263	2522	4534	5027	5521	1813	1919	2340	2702
19														
874 mm	W	2166	2717	1828	2109	2388	2662	4786	5307	5827	1913	2025	2470	2852
20														
920 mm	W	2280	2860	1924	2220	2514	2802	5038	5586	6134	2014	2132	2600	3002
21														
966 mm	W	2394	3003	2020	2331	2640	2942	5290	5865	6441	2115	2239	2730	3152
22														
1012 mm	W	2508	3146	2116	2442	2765	3082	5542	6145	6747	2215	2345	2860	3302
23														
1058 mm	W	2622	3289	2213	2553	2891	3222	5794	6424	7054	2316	2452	2990	3452
24														
1104 mm	W	2736	3432	2309	2664	3017	3362	6046	6703	7361	2417	2558	3120	3602
25														
1150 mm	W	2850	3575	2405	2775	3143	3503	6298	6983	7668	2518	2665	3250	3753
26														
1196 mm	W	2964	3718	2501	2886	3268	3643	6549	7262	7974	2618	2772	3380	3903
27														
1242 mm	W	3078	3861	2597	2997	3394	3783	6801	7541	8281	2719	2878	3510	4053
28														
1288 mm	W	3192	4004	2694	3108	3520	3923	7053	7820	8588	2820	2985	3640	4203
29														
1344 mm	W	3306	4147	2790	3219	3645	4063	7305	8100	8894	2920	3091	3770	4353
30														
1380 mm	W	3420	4290	2886	3330	3771	4203	7557	8379	9201	3021	3198	3900	4503
31														
1426 mm	W	3534	4433	2982	3441	3897	4343	7809	8658	9508	3122	3305	4030	4653
32														
1472 mm	W	3648	4576	3078	3552	4022	4483	8061	8938	9814	3222	3411	4160	4803
33														
1518 mm	W	3762	4719	3175	3663	4148	4623	8313	9217	10121	3323	3518	4290	4953
34														
1564 mm	W	3876	4862	3271	3774	4274	4763	8565	9496	10428	3424	3624	4420	5103
35														
1610 mm	W	3990	5005	3367	3885	4400	4904	8817	9776	10735	3525	3731	4550	5254
36														
1656 mm	W	4104	5148	3463	3996	4525	5044	9068	10055	11041	3625	3838	4680	5404
37														
1702 mm	W	4218	5291	3559	4107	4651	5184	9320	10334	11348	3726	3944	4810	5554
38														
1748 mm	W	4332	5434	3656	4218	4777	5324	9572	10613	11655	3827	4051	4940	5704
39														
1794 mm	W	4446	5577	3752	4329	4902	5464	9824	10893	11961	3927	4157	5070	5854
40														
1840 mm	W	4560	5720	3848	4440	5028	5604	10076	11172	12268	4028	4264	5200	6004

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 70 sections with lateral connection, see probes kit at page 465.



# ARDESIA®

## 6 COLUMNS

### FOR REPLACEMENT



page 22

**WARRANTY**  
**5 YEARS**

#### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes  $\varnothing$  25 mm.

#### PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

#### PAINTING PROCESS:

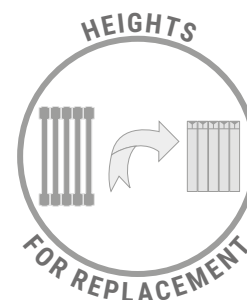
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

#### COLOURS:

See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

#### CERTIFICATES



#### HOW TO ORDER ARDESIA® 6 COLUMNS

##### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

##### EXAMPLE

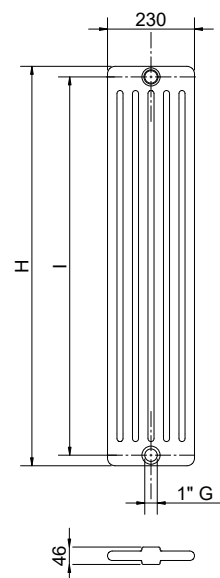
Model and nr of columns E.g.: Ardesia® 6 columns	Nr of Elements E.g.: 18 elements	Height in mm Example: 676 mm	Code of the connection Example: connection 2	Code of the colour Example: F36 - Terra	Constant value
AR6	18	0676	002	F36	A

##### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR6**..... ARDESIA® 6 Columns  
**18**..... 18 elements (see the table shown on the side)  
**0676**..... Height 676 mm (see the table shown on the side)  
**002**..... connection 2 (see page 212-213)  
**F36**..... colour F36 - Terra (see page 486)  
**A**..... (Constant value)  
 The article code will be:  
**AR6 18 0676 002 F36 A**

#### TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) $\Delta T$ 60 = W	174,6	217,4	147,6	170,2	192	213,2	378	413	446,4	154,5	163,5	198,4	228,1
(75/65/20°C) $\Delta T$ 50 = W	138	172,4	116,5	134,5	152	169	292,5	320,4	347,2	121,9	129,1	157,1	180,7
(65/55/20°C) $\Delta T$ 40 = W	103,5	129,7	87,1	100,8	114,1	127,2	213,7	234,8	255,3	91,3	96,7	118,1	135,9
(55/45/20°C) $\Delta T$ 30 = W	71,4	90	60	69,5	78,9	88,1	142,6	157,3	171,8	62,8	66,7	81,7	94,1
Water content [lt]	2	2,5	1,7	1,9	2,2	2,4	4,36	4,84	5,29	1,77	1,85	2,25	2,56
Dry Weight [kg]	3,09	3,93	2,58	3	3,42	3,85	7,23	8,11	8,95	2,7	2,87	3,56	3,92
Exp. [n]	1,29	1,273	1,3	1,292	1,283	1,275	1,407	1,392	1,378	1,298	1,294	1,281	1,277
Nominal flow rate [kg/h]	11,9	14,8	10	11,6	13,1	14,5	25,2	27,6	29,9	10,5	11,1	13,5	15,5
Radiation quote [%]	18	17	18	18	17	17	15	14	13	18	18	17	17
Surface [m²]	0,32	0,41	0,27	0,31	0,36	0,4	0,76	0,85	0,94	0,28	0,3	0,37	0,43





# 6 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width [mm]	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres		620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	414	517	350	404	456	507	878	961	1042	366	387	471	542
4														
184 mm	W	552	690	466	538	608	676	1170	1282	1389	488	516	628	723
5														
230 mm	W	690	862	583	673	760	845	1463	1602	1736	610	646	786	904
6														
276 mm	W	828	1034	699	807	912	1014	1755	1922	2083	731	775	943	1084
7														
322 mm	W	966	1207	816	942	1064	1183	2048	2243	2430	853	904	1100	1265
8														
368 mm	W	1104	1379	932	1076	1216	1352	2340	2563	2778	975	1033	1257	1446
9														
414 mm	W	1242	1552	1049	1211	1368	1521	2633	2884	3125	1097	1162	1414	1626
10														
460 mm	W	1380	1724	1165	1345	1520	1690	2925	3204	3472	1219	1291	1571	1807
11														
506 mm	W	1518	1896	1282	1480	1672	1859	3218	3524	3819	1341	1420	1728	1988
12														
552 mm	W	1656	2069	1398	1614	1824	2028	3510	3845	4166	1463	1549	1885	2168
13														
598 mm	W	1794	2241	1515	1749	1976	2197	3803	4165	4514	1585	1678	2042	2349
14														
644 mm	W	1932	2414	1631	1883	2128	2366	4095	4486	4861	1707	1807	2199	2530
15														
690 mm	W	2070	2586	1748	2018	2280	2535	4388	4806	5208	1829	1937	2357	2711
16														
736 mm	W	2208	2758	1864	2152	2432	2704	4680	5126	5555	1950	2066	2514	2891
17														
782 mm	W	2346	2931	1981	2287	2584	2873	4973	5447	5902	2072	2195	2671	3072
18														
828 mm	W	2484	3103	2097	2421	2736	3042	5265	5767	6250	2194	2324	2828	3253
19														
874 mm	W	2622	3276	2214	2556	2888	3211	5558	6088	6597	2316	2453	2985	3433
20														
920 mm	W	2760	3448	2330	2690	3040	3380	5850	6408	6944	2438	2582	3142	3614
21														
966 mm	W	2898	3620	2447	2825	3192	3549	6143	6728	7291	2560	2711	3299	3795
22														
1012 mm	W	3036	3793	2563	2959	3344	3718	6435	7049	7638	2682	2840	3456	3975
23														
1058 mm	W	3174	3965	2680	3094	3496	3887	6728	7369	7986	2804	2969	3613	4156
24														
1104 mm	W	3312	4138	2796	3228	3648	4056	7020	7690	8333	2926	3098	3770	4337
25														
1150 mm	W	3450	4310	2913	3363	3800	4225	7313	8010	8680	3048	3228	3928	4518
26														
1196 mm	W	3588	4482	3029	3497	3952	4394	7605	8330	9027	3169	3357	4085	4698
27														
1242 mm	W	3726	4655	3146	3632	4104	4563	7898	8651	9374	3291	3486	4242	4879
28														
1288 mm	W	3864	4827	3262	3766	4256	4732	8190	8971	9722	3413	3615	4399	5060
29														
1344 mm	W	4002	5000	3379	3901	4408	4901	8483	9292	10069	3535	3744	4556	5240
30														
1380 mm	W	4140	5172	3495	4035	4560	5070	8775	9612	10416	3657	3873	4713	5421
31														
1426 mm	W	4278	5344	3612	4170	4712	5239	9068	9932	10763	3779	4002	4870	5602
32														
1472 mm	W	4416	5517	3728	4304	4864	5408	9360	10253	11110	3901	4131	5027	5782
33														
1518 mm	W	4554	5689	3845	4439	5016	5577	9653	10573	11458	4023	4260	5184	5963
34														
1564 mm	W	4692	5862	3961	4573	5168	5746	9945	10894	11805	4145	4389	5341	6144
35														
1610 mm	W	4830	6034	4078	4708	5320	5915	10238	11214	12152	4267	4519	5499	6325
36														
1656 mm	W	4968	6206	4194	4842	5472	6084	10530	11534	12499	4388	4648	5656	6505
37														
1702 mm	W	5106	6379	4311	4977	5624	6253	10823	11855	12846	4510	4777	5813	6686
38														
1748 mm	W	5244	6551	4427	5111	5776	6422	11115	12175	13194	4632	4906	5970	6867
39														
1794 mm	W	5382	6724	4544	5246	5928	6591	11408	12496	13541	4754	5035	6127	7047
40														
1840 mm	W	5520	6896	4660	5380	6080	6760	11700	12816	13888	4876	5164	6284	7228

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 55 sections with lateral connection, see probes kit at page 465.



# ARDESIA® BENCH



page 27

WARRANTY  
**5 YEARS**

## MATERIAL:

- Heads moulded in mild steel plate.
- Tubes in mild steel electro-welded  $\varnothing$  25 mm.
- Seat in solid wood 25 mm thickness

## PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

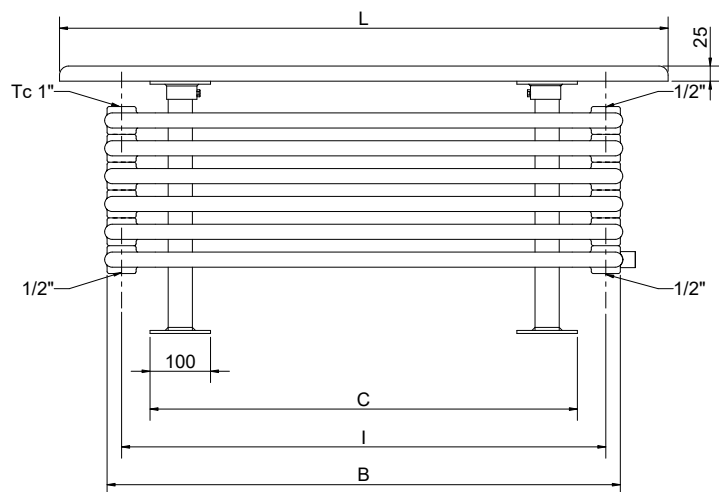
## COLOURS:

See colour chart on page 486.

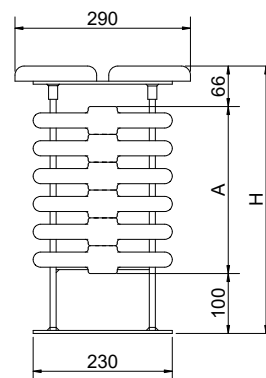
Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

## CERTIFICATES





Top view - single 6 column section



A third feet is provided from L 1950 mm as additional central support.

## ARDESIA® BENCH 6 COLUMNS

Art. nr.	Height H [mm]	Width L [mm]	Nr. Elements	Pipe centres I [mm]	A [mm]	B [mm]	C [mm]	Dry Weight [Kg]	Water content [lit]	Output Δt=50°C		Output Δt=60°C		Exp. n
										Watt	kcal/h *	Watt	kcal/h *	
3541706109507	350	650	4	444	184	500	350	28	6,4	424	365	540	464	1,348
3541706109508		806		600	184	656	506	32	7,6	536	461	685	589	1,346
3541706109509		1006		800	184	856	706	38	9,6	676	581	864	743	1,343
3541706109489		1350		1144	184	1200	1050	45	13,0	900	744	1149	988	1,337
3541706109490		1650		1444	184	1500	1350	53	15,8	1080	929	1377	1184	1,333
3541706109491		1950		1744	184	1800	1650	62	18,7	1252	1077	1595	1372	1,328
3541706109492		2150		1944	184	2000	1850	71	20,7	1360	1170	1732	1489	1,325
3541706109493		2350		2144	184	2200	2050	77	22,6	1464	1259	1863	1602	1,322
3541706109494	396	2650	5	2444	184	2500	2350	86	25,5	1612	1386	2050	1763	1,317
3541706109510		650		444	230	500	350	31	8,0	530	456	678	583	1,348
3541706109511		806		600	230	656	506	36	9,5	670	576	856	736	1,346
3541706109512		1006		800	230	856	706	43	12,0	845	727	1079	928	1,343
3541706109495		1350		1144	230	1200	1050	51	16,2	1125	968	1436	1235	1,337
3541706109496		1650		1444	230	1500	1350	61	19,8	1350	1161	1721	1480	1,333
3541706109497		1950		1744	230	1800	1650	70	23,4	1565	1346	1994	1715	1,328
3541706109498		2150		1944	230	2000	1850	81	25,8	1770	1462	2165	1862	1,325
3541706109499	442	2350	6	2144	230	2200	2050	88	28,2	1830	1574	2329	2003	1,322
3541706109500		2650		2444	230	2500	2350	98	31,8	2015	1733	2562	2203	1,317
3541706109513		650		444	276	500	350	34	9,6	636	547	810	697	1,348
3541706109514		806		600	276	656	506	40	11,4	804	691	1028	884	1,346
3541706109515		1006		800	276	856	706	48	14,4	1014	872	1296	1115	1,343
3541706109501		1350		1144	276	1200	1050	57	19,4	1350	1161	1723	1482	1,337
3541706109502		1650		1444	276	1500	1350	68	23,8	1620	1393	2066	1776	1,333
3541706109503		1950		1744	276	1800	1650	79	28,1	1878	1615	2393	2058	1,328
3541706109504	442	2150	6	1944	276	2000	1850	91	31,0	2040	1754	2597	2234	1,325
3541706109505		2350		2144	276	2200	2050	98	33,9	2196	1889	2795	2403	1,322
3541706109506		2650		2444	276	2500	2350	109	38,2	2418	2079	3074	2644	1,317

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# ARDESIA® HYGIENIC



page 28

**WARRANTY**  
**5 YEARS**

## MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 25 mm.
- Space rings between sections welded with robotized technology of PULSED SPRAY WELDING.

## PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled

carton. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

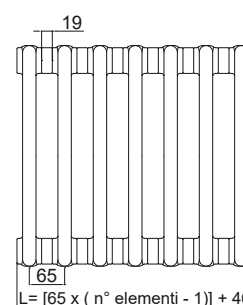
See colour chart on page 486.

Functioning: hot water	Maximum working pressure	10 bar	Temperature max	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	65 mm

## CERTIFICATES



Space rings between sections welded with robotized technology of **PULSED SPRAY WELDING**



On demand, it is possible to realize ardesia in hygienic version, with all connections, heights, dimensions and finishing.

This execution extends the water content of Ardesia® to be applied also to sanitary and

community centers subject to severe norms for hygiene in heating systems.

The space between the sections has been conceived to facilitate an accurate cleaning on all radiator surface. For additional informations feel free to contact our sales department.

## HOW TO ORDER ARDESIA® HYGIENIC

### ARTICLE NR. STRUCTURE

Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

### EXAMPLE

Model and nr of columns E.g.: Ardesia® Hygienic 3 columns	Nr of Elements E.g.: 19 elements	Height in mm Example: 207 mm	Code of the connection Example: connection D1	Code of the colour Example: H48 - Dove	Constant value
AH3	19	0207	D01	H48	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AH3**..... ARDESIA® HYGIENIC 3 Columns  
**19**..... 19 elements (see the table shown on the side)  
**0207**..... Height 207 mm (see the table shown on the side)  
**D01**..... connection D1 (see page 212-213)  
**H48**..... colour H48 - Dove (see page 486)  
**A**..... (Constant value)  
 The article code will be:  
**AH3 19 0207 D01 H48 A**

## TECHNICAL DATA PER SECTION (at least 3 elements)

	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS
	AH2	AH3	AH4	AH5	AH6
Height [mm]					
207					
300					
400					
500					
600					
750					
900					
1000					
1200					
1500					
1800					
2000					
2200					
2500					





# ARDESIA® SPECIAL EXECUTIONS



page 26

WARRANTY  
5 YEARS

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

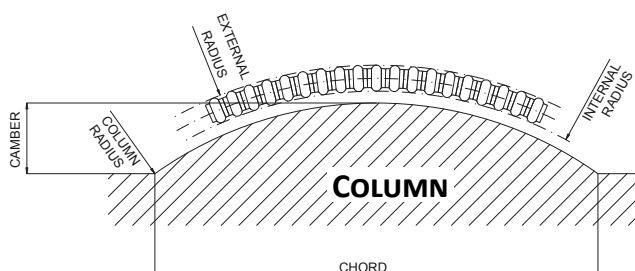
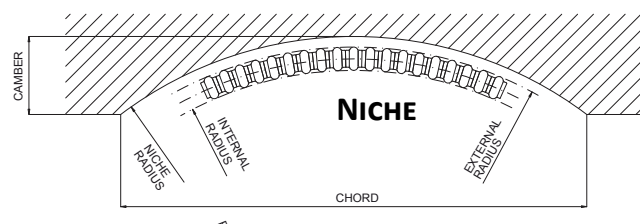
RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT

## ARDESIA® CURVED

Among all special executions, the ardesia Curved model is the ideal solution for the installation around a column or within a wall niche. Curved batteries are realizable on demand with the following minimum internal bending: Minimum internal bending: 1000 mm for 2 and 3 columns - 1300 mm for 4, 5 and 6 columns.. The development of the battery can not exceed the semi-circumference, that is the angle covered by the curve needs to be less than 180°



### HOW TO ORDER

When sending the order please specify:

- N. of columns • N. of sections • Height.
- Radius and Chord as indicated in below technical drawing.
- Type of connections.

## ARDESIA® ANGLED

On demand it is possible to realize customised batteries of Ardesia® Angled.



### HOW TO ORDER

When ordering please specify:

- n° of columns,
- n° of sections side 1 and side 2
- Height
- Connections and colour
- Angle type and measure

End cap, reducing bushes and nipples included but not mounted.

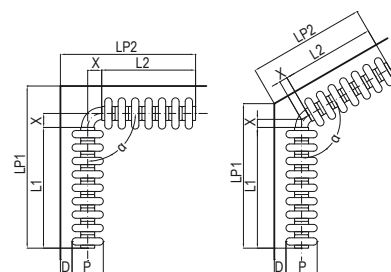


page 27

WARRANTY  
5 YEARS

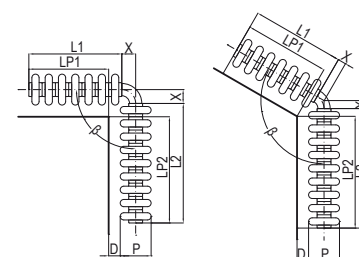
### CLOSING WALL - ANGLE

N° di columns	P [mm]	Distance X [mm] depending on angle $\alpha$						Value to add or subtract to (Number of sections x 46) so to obtain the wall encumbrance LP with D = 20 depending on angle $\alpha$					
		$\alpha = 90^\circ$	$\alpha = 105^\circ$	$\alpha = 120^\circ$	$\alpha = 135^\circ$	$\alpha = 150^\circ$	$\alpha = 165^\circ$	$\alpha = 90^\circ$	$\alpha = 105^\circ$	$\alpha = 120^\circ$	$\alpha = 135^\circ$	$\alpha = 150^\circ$	$\alpha = 165^\circ$
2	66	48	37	28	20	13	6	48	51	58	73	105	204
3	107	48	37	28	20	13	6	48	57	70	93	140	281
4	148	93	71	54	39	25	12	93	97	108	133	188	363
5	189	93	71	54	39	25	12	93	102	120	153	223	440
6	230	118	96	79	64	50	37	93	102	120	153	223	440



### OPENING WALL - ANGLE

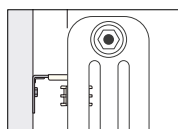
N° di columns	P [mm]	Distance X [mm] depending on angle $\beta$						Value to add or subtract to (Number of sections x 46) so to obtain the wall encumbrance LP with D = 20 depending on angle $\beta$					
		$\beta = 90^\circ$	$\beta = 105^\circ$	$\beta = 120^\circ$	$\beta = 135^\circ$	$\beta = 150^\circ$	$\beta = 165^\circ$	$\beta = 90^\circ$	$\beta = 105^\circ$	$\beta = 120^\circ$	$\beta = 135^\circ$	$\beta = 150^\circ$	$\beta = 165^\circ$
2	66	48	37	28	20	13	6	5	4	3	2	1	1
3	107	48	37	28	20	13	6	26	20	15	11	7	3
4	148	93	71	54	39	25	12	1	1	0	0	0	0
5	189	93	71	54	39	25	12	22	16	12	9	6	3
6	230	118	96	79	64	50	37	17	7	-1	-8	-14	-19



### ARDESIA® WITH WELDED FEET

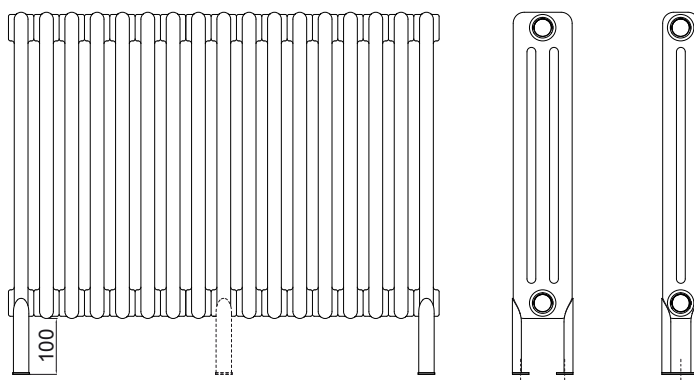
Ardesia® with welded feet support is available on demand. The floor feet support is welded to the battery and in matching colour. Standard height for



The feet is 100mm. On demand, it is possible to realize feet up to 150mm of height.



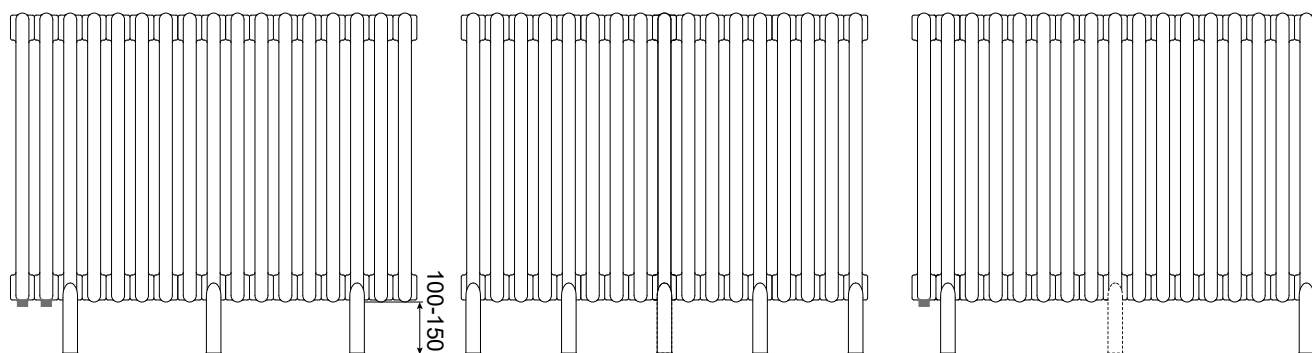
**PLEASE NOTE: on ARDESIA® with welded feet it is always necessary to install the wall stabiliser kit.**

Art. nr. 5991990310307



	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS	FEET STANDARD HEIGHT
MOUNTING OPTIONS	connected at the base 		free			[mm]
from 3 to 23 SECTIONS	2 pairs	2 pairs	2 pairs	2 pairs	2 pairs	100
from 24 to 40 SECTIONS	3 pairs	3 pairs	3 pairs	3 pairs	3 pairs	100
from 41 to 63 SECTIONS	4 pairs	4 pairs	4 pairs	4 pairs	4 pairs	100

For special executions or for welded bottom connections connections, it is possible to customise batteries with a major or odd number of welded feet to facilitate installation.

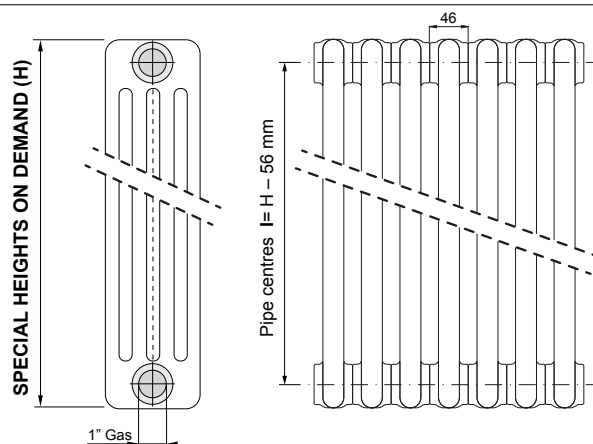


### SPECIAL HEIGHTS (NON STANDARD)

For replacing old radiators or for specific installation needs, it is possible to realize Special Heights, not indicated in pricelist, **from 300 mm up to 2500 mm.**

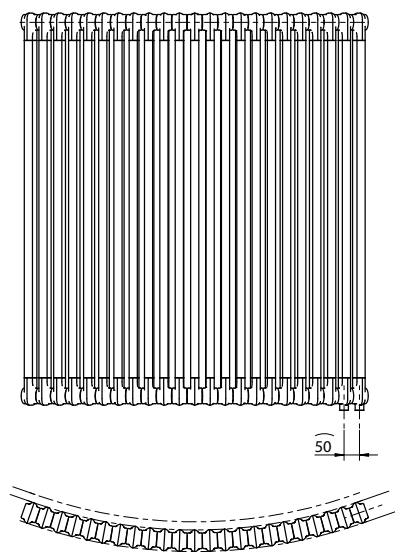
#### SURCHARGE FOR SPECIAL HEIGHTS ON DEMAND

Refer to the price of the immediate higher standard height. Requests are accepted only for models whose height or center distance is 5 mm higher than the standard sizes.

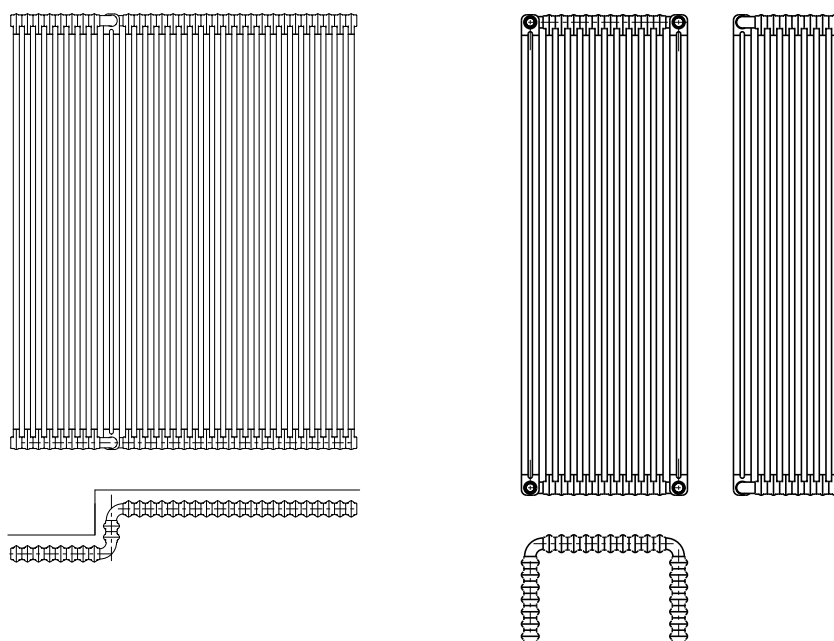


## EXAMPLES OF CUSTOMISED EXECUTIONS

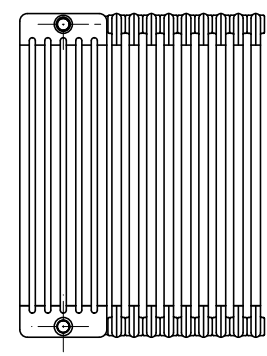
CURVED



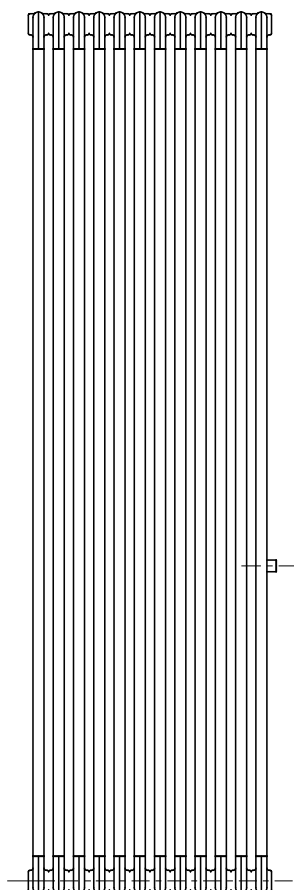
DOUBLE ANGLES



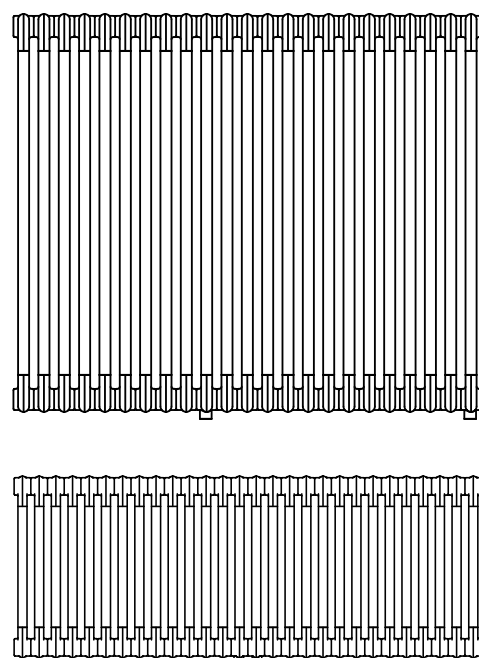
SINGLE ANGLE



SOLUTION WITH LATERAL CONNECTION  
FOR 3 AND 5 COLUMN BATTERIES



CUSTOMISED WELDED SLEEVES





# CLAUDIA® ELITE



page 32

**WARRANTY**  
**5 YEARS**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel ø 25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

Claudia® Elite radiator is available on request in all the colours from the chart at page 486.

## ACCESSORIES:

Claudia® Elite radiator includes a pair of hooks in the same colour of the radiator and coloured Kristal valves kit, complete with fittings for copper (ø 12/14/15) and multilayer (ø 16).

## AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

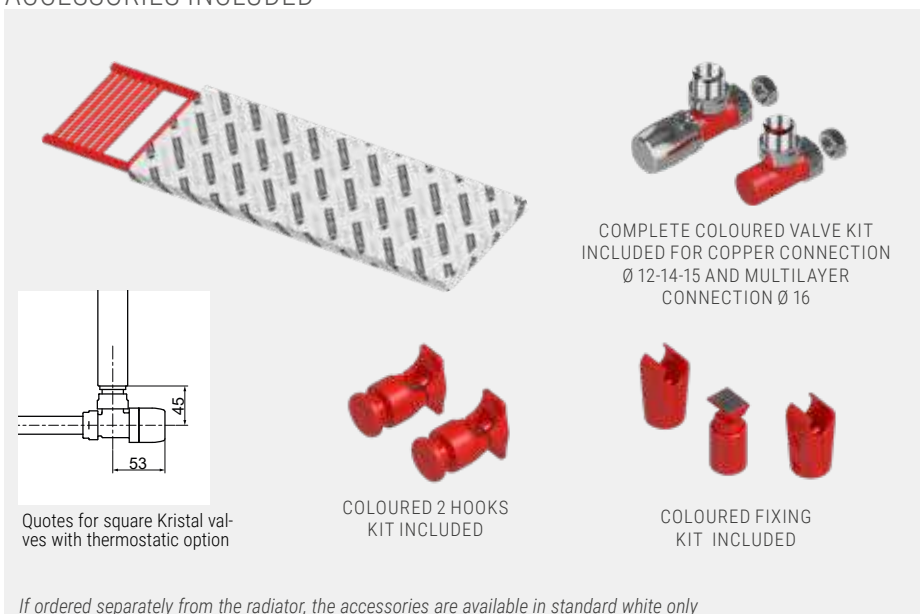
T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

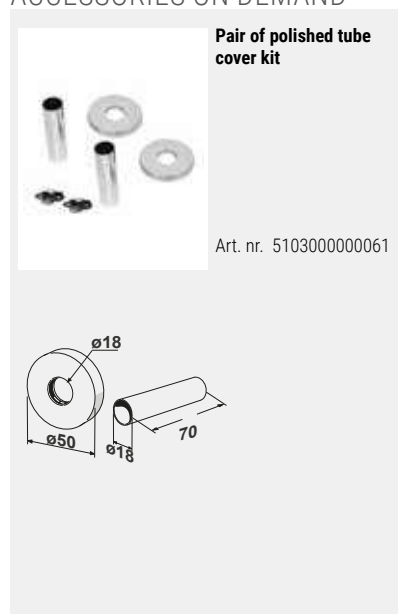
## CERTIFICATES



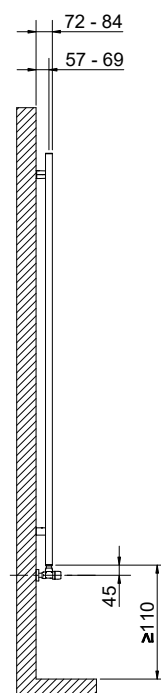
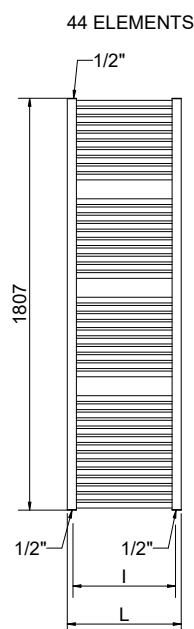
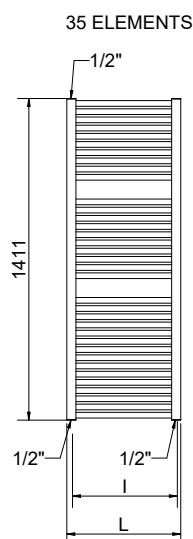
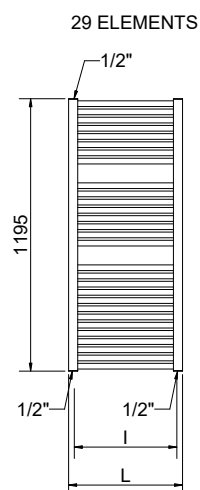
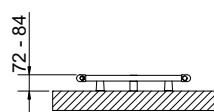
## ACCESSORIES INCLUDED



## ACCESSORIES ON DEMAND







Quotes for Kristal valves

## CLAUDIA® ELITE

Height [mm]	Width L [mm]	Pipe centres l [mm]	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
						Δt=50°C	Δt=30°C		
<b>1195</b>	450	400	8,6	1,146	6,8	534	281	1,2551	500
	500	450	9,3	1,26	7,4	595	314	1,2488	600
	600	550	10,6	1,488	8,7	716	380	1,2395	700
<b>1411</b>	450	400	10,2	1,375	8,2	648	341	1,2583	600
	500	450	11,1	1,513	8,9	719	380	1,2498	700
	600	550	12,7	1,788	10,4	862	458	1,2371	900
<b>1807</b>	450	400	13	1,73	10,3	821	431	1,2631	700
	500	450	14	1,91	11,3	907	479	1,2513	900
	600	550	16,1	2,25	13,2	1077	574	1,2336	1000

Claudia® Elite radiator includes a pair of hooks in the same colour of the radiator and coloured Kristal valves kit, complete with fittings for copper and multilayer.

For output at different ΔT, please refer to the following formula: **desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>**

To order Claudia® Elite you just need to choose size and colour.



# CLAUDIA®



page 34

**WARRANTY**  
**5 YEARS**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 302)
- ☒ Dual energy (see page 470)
- ☒ Blower (see page 328)
- ☒ Blower dual energy (see page 330)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



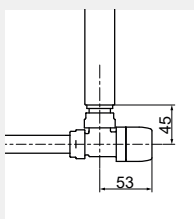
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



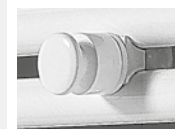
Quotes for square Kristal valves with thermostatic option

### Towel bar painted mild steel white R01



width 377 mm

### Kit 2 hooks white R01



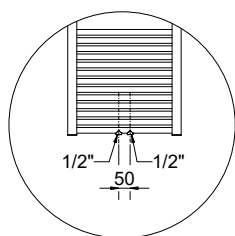
Art. nr. 5991990310028

Width	Art. nr.	Available on width
276 mm	5991990310047	$\geq$ 400 mm
368 mm	5991990310029	$\geq$ 500 mm
460 mm	5991990310034	$\geq$ 600 mm
552 mm	5991990310030	$\geq$ 750 mm

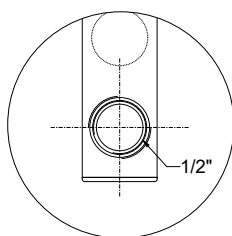
If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

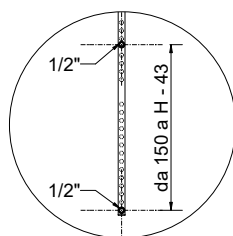
Accessories and spare parts - see from page 453



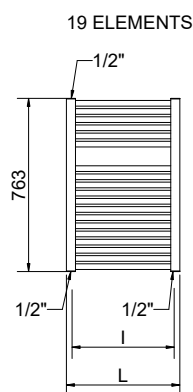
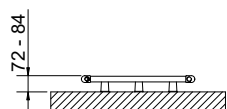
Detail of the pipe centres 50 mm version



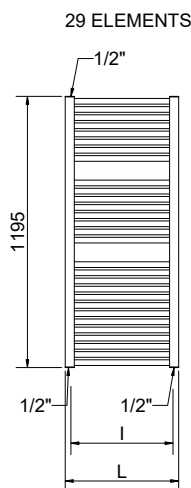
Detail of lateral 1/2" connection (see further pages)



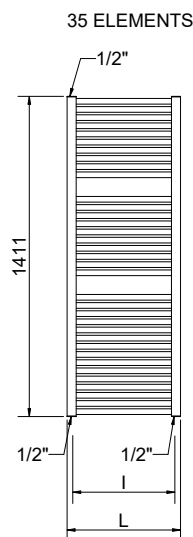
Detail of 2 lateral connections connection (see further pages)



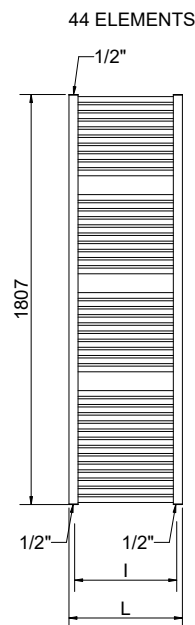
19 ELEMENTS



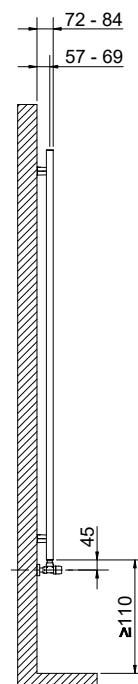
29 ELEMENTS



35 ELEMENTS



44 ELEMENTS



## CLAUDIA®

Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr.	Pipe centres 50 mm		Thermal output [Watt]					Dual energy kit	
				Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
763	400	350	3551356100025	3551356101025		5,1	0,671	4,0	316	169	1,2241	300
	450	400	3551356100001	3551356101001		5,5	0,746	4,4	349	184	1,2497	300
	500	450	3551356100004	3551356101004		6,0	0,821	4,8	389	206	1,2472	400
	550	500	3551356100008	3551356101008		6,5	0,895	5,2	430	228	1,2451	400
	600	550	3551356100011	3551356101011		6,9	0,970	5,7	470	249	1,2434	400
	750	700	3551356100015	3551356101015		8,3	1,194	6,9	591	314	1,2397	600
1195	1000	950	3551356100019	3551356101019		10,5	1,567	8,9	792	421	1,2361	700
	400	350	3551356100026	3551356101026		7,9	1,032	6,2	478	253	1,2463	500
	450	400	3551356100002	3551356101002		8,6	1,146	6,8	534	281	1,2551	500
	500	450	3551356100005	3551356101005		9,3	1,260	7,4	595	314	1,2488	600
	550	500	3551356100009	3551356101009		9,9	1,374	8,1	656	348	1,2437	600
	600	550	3551356100012	3551356101012		10,6	1,488	8,7	716	380	1,2395	700
1411	750	700	3551356100016	3551356101016		12,7	1,830	10,6	899	480	1,2301	900
	1000	950	3551356100020	3551356101020		16,2	2,399	16,7	1202	644	1,2207	1200
	400	350	3551356100027	3551356101027		9,4	1,238	7,4	583	306	1,2596	600
	450	400	3551356100023	3551356101023		10,2	1,375	8,2	648	341	1,2583	600
	500	450	3551356100006	3551356101006		11,1	1,513	8,9	719	380	1,2498	700
	550	500	3551356100024	3551356101024		11,9	1,650	9,7	791	419	1,2429	700
1807	600	550	3551356100013	3551356101013		12,7	1,788	10,4	862	458	1,2371	900
	750	700	3551356100017	3551356101017		15,3	2,200	12,7	1077	576	1,2244	1000
	1000	950	3551356100021	3551356101021		19,4	2,880	16,4	1434	772	1,2115	1200
	400	350	3551356100028	3551356101028		11,9	1,650	9,3	753	392	1,2796	700
	450	400	3551356100003	3551356101003		13,0	1,730	10,3	821	431	1,2631	700
	500	450	3551356100007	3551356101007		14,0	1,910	11,3	907	479	1,2513	900
1807	550	500	3551356100010	3551356101010		15,1	2,083	12,2	992	526	1,2417	1000
	600	550	3551356100014	3551356101014		16,1	2,250	13,2	1077	574	1,2336	1000
	750	700	3551356100018	3551356101018		19,3	2,774	16,0	1333	716	1,2157	1200
	1000	950	3551356100022	3551356101022		24,5	3,638	20,7	1760	955	1,1978	1200

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>

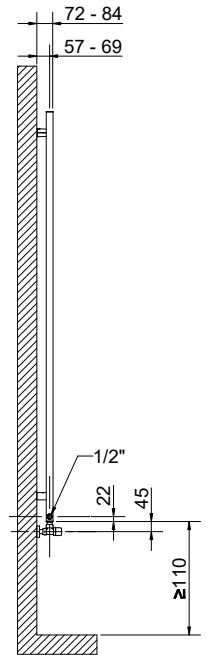
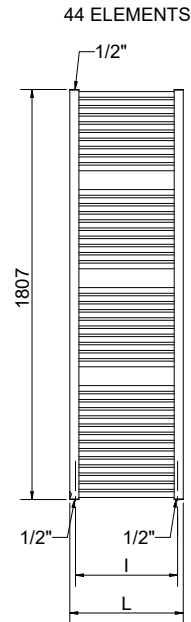
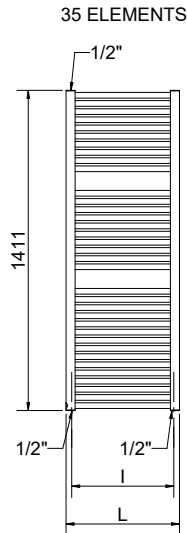
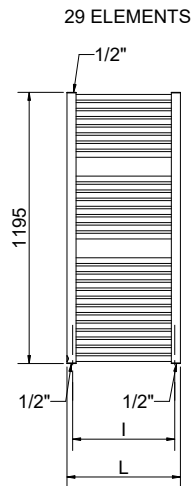
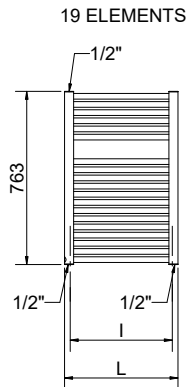
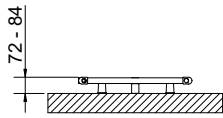
Quotes for Kristal valves



# CLAUDIA® AL LATERAL CONNECTION

Detail of lateral 1/2" connection on the collector,  
in correspondence of the first heating element.

**WARRANTY**  
**5 YEARS**



Quotes for Kristal valves

## CLAUDIA® AL (LATERAL CONNECTION)

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							Δt=50°C	Δt=30°C		
<b>763</b>	400	350	3551356100725	5,1	0,671	4,0	316	169	1,2241	300
	450	400	3551356100701	5,5	0,746	4,4	349	184	1,2497	300
	500	450	3551356100704	6,0	0,821	4,8	389	206	1,2472	400
	550	500	3551356100708	6,5	0,895	5,2	430	228	1,2451	400
	600	550	3551356100711	6,9	0,970	5,7	470	249	1,2434	400
	750	700	3551356100715	8,3	1,194	6,9	591	314	1,2397	600
<b>1195</b>	1000	950	3551356100719	10,5	1,567	8,9	792	421	1,2361	700
	400	350	3551356100726	7,9	1,032	6,2	478	253	1,2463	500
	450	400	3551356100702	8,6	1,146	6,8	534	281	1,2551	500
	500	450	3551356100705	9,3	1,260	7,4	595	314	1,2488	600
	550	500	3551356100709	9,9	1,374	8,1	656	348	1,2437	600
	600	550	3551356100712	10,6	1,488	8,7	716	380	1,2395	700
<b>1411</b>	750	700	3551356100716	12,7	1,830	10,6	899	480	1,2301	900
	1000	950	3551356100720	16,2	2,399	16,7	1202	644	1,2207	1200
	400	350	3551356100727	9,4	1,238	7,4	583	306	1,2596	600
	450	400	3551356100723	10,2	1,375	8,2	648	341	1,2583	600
	500	450	3551356100706	11,1	1,513	8,9	719	380	1,2498	700
	550	500	3551356100724	11,9	1,650	9,7	791	419	1,2429	700
<b>1807</b>	600	550	3551356100713	12,7	1,788	10,4	862	458	1,2371	900
	750	700	3551356100717	15,3	2,200	12,7	1077	576	1,2244	1000
	1000	950	3551356100721	19,4	2,880	16,4	1434	772	1,2115	1200
	400	350	3551356100728	11,9	1,650	9,3	753	392	1,2796	700
	450	400	3551356100703	13,0	1,730	10,3	821	431	1,2631	700
	500	450	3551356100707	14,0	1,910	11,3	907	479	1,2513	900
<b>1807</b>	550	500	3551356100710	15,1	2,083	12,2	992	526	1,2417	1000
	600	550	3551356100714	16,1	2,250	13,2	1077	574	1,2336	1000
	750	700	3551356100718	19,3	2,774	16,0	1333	716	1,2157	1200
	1000	950	3551356100722	24,5	3,638	20,7	1760	955	1,1978	1200

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$





# CLAUDIA®

## 2 LATERAL SLEEVES

WARRANTY  
5 YEARS

ARDESIA®

TOWEL RAILS

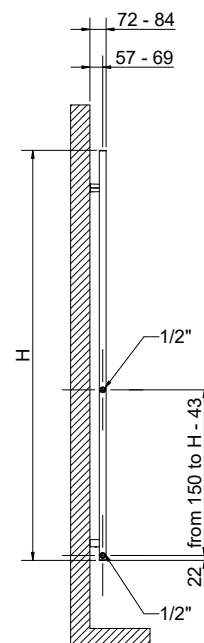
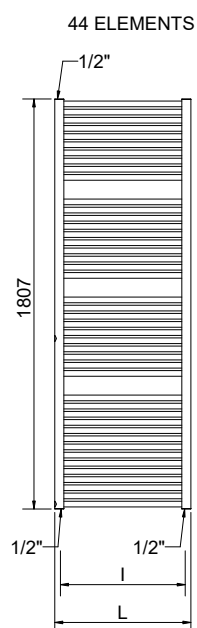
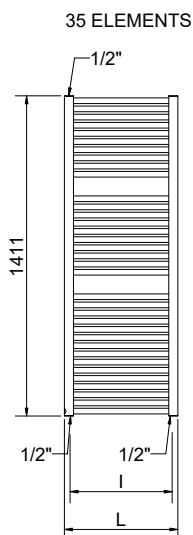
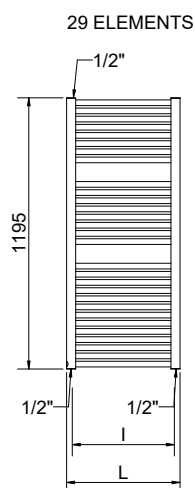
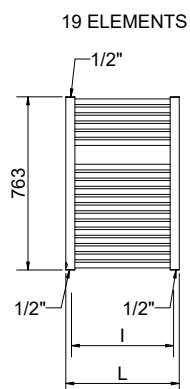
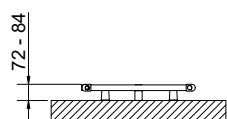
ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



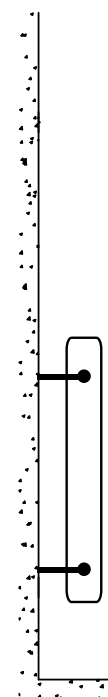
Quotes for Kristal valves

### LATERAL CONNECTION (2 SLEEVES 1/2")

The first connection of 1/2" is aligned with first heating element (22 mm from the base of the vertical collector).  
The second connection of 1/2" can be placed at the desired distance. The distance has to be specified when sending purchase order. Available pipes centres: from 150 mm to 43 mm of height.

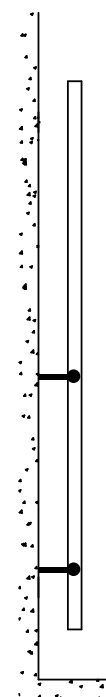
Please contact our sales department for customized models.

### BEFORE



Old  
radiator

### AFTER



New CORDIVARI  
towel rail radiator





# CLAUDIA® WIDE



page **36**

WARRANTY  
**5 YEARS**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel ø 25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



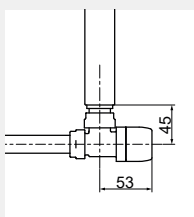
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn. Ø 12/14/15  
Art. nr. 5991990311161

Multilayer conn. Ø 16  
Art. nr. 5991990311160



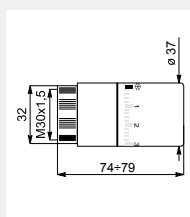
Quotes for square Kristal valves with thermostatic option

### Thermostatic head white



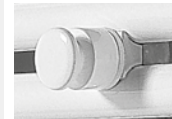
(Kit 2 pieces)

Art. nr. 5035270710016



Thermostatic head quotes

### Kit 2 hooks white R01

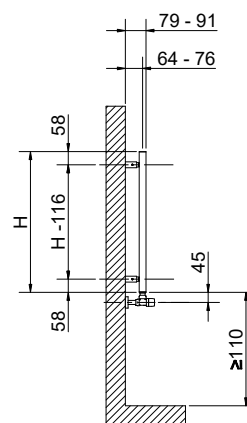
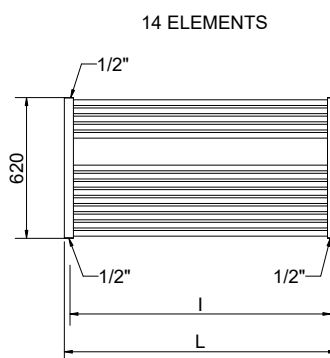
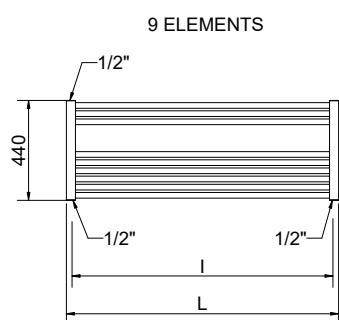
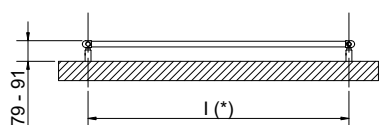


Art. nr. 5991990310028

*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## CLAUDIA® WIDE

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>440</b>	1200	1150	3551356100101	6,1	0,903	5,1	471	261	1,155	400
	1400	1350	3551356100103	6,9	1,045	5,9	558	311	1,145	400
<b>620</b>	1200	1150	3551356100102	9,3	1,389	7,9	712	390	1,176	700
	1400	1350	3551356100104	10,6	1,609	9,1	837	457	1,183	700

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t / 50)^n$



# CLAUDIA® CURVED



page 38

WARRANTY  
**5 YEARS**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Curved horizontal heating elements in painted mild steel ø 25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

## AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



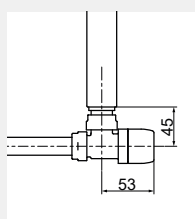
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn. Ø 12/14/15  
Art. nr. 5991990311161

Multilayer conn. Ø 16  
Art. nr. 5991990311160



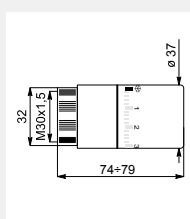
Quotes for square Kristal valves with thermostatic option

### Thermostatic head white



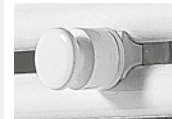
(Kit 2 pieces)

Art. nr. 5035270710016



Thermostatic head quotes

### Kit 2 hooks white R01



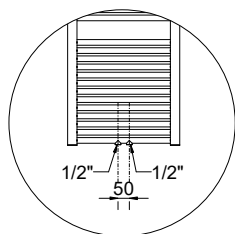
Art. nr. 5991990310028

If ordered separately from the radiator, the accessories are available in standard white only

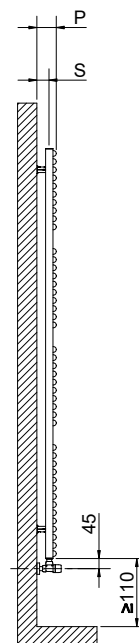
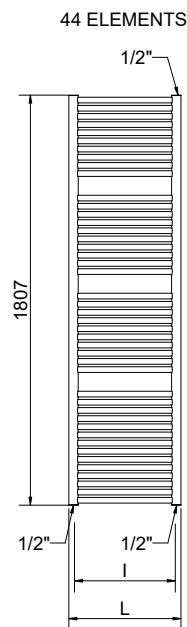
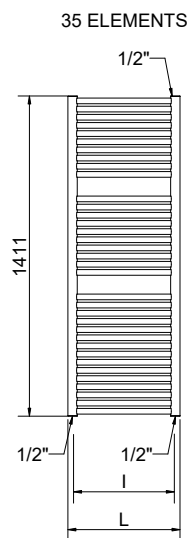
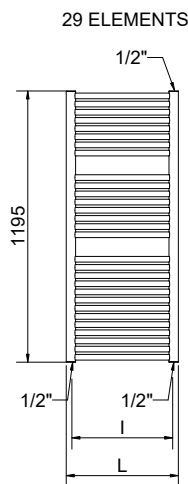
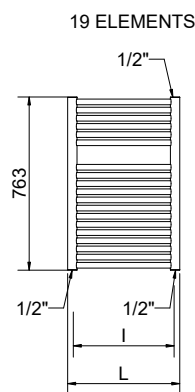
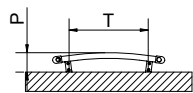
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453





Detail of the pipe centres 50 mm version



Quotes for Kristal valves

## CLAUDIA® CURVED

Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr.	Pipe centres 50 mm		Thermal output [Watt]										Dual energy kit [Watt]
				Art. nr.		P [mm]	S [mm]	T [mm]	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n		
<b>763</b>	450	397	3551546100031	3551546101031		85	52	270	5,5	0,746	4,4	368	194	1,2501		300
	500	445	3551546100034	3551546101034		90	52	320	6,0	0,821	4,8	408	216	1,2419		400
	550	494	3551546100037	3551546101037		90	46	320	6,5	0,895	5,2	448	238	1,2353		400
	600	547	3551546100040	3551546101040		90	57	450	6,9	0,970	5,7	492	263	1,2292		500
	750	696	3551546100043	3551546101043		100	55	590	8,3	1,194	6,9	615	330	1,2170		600
<b>1195</b>	450	397	3551546100032	3551546101032		85	52	270	8,6	1,146	6,8	557	294	1,2476		500
	500	445	3551546100035	3551546101035		90	52	320	9,3	1,260	7,4	617	327	1,2422		600
	550	494	3551546100038	3551546101038		90	46	320	9,9	1,374	8,1	676	359	1,2379		700
	600	547	3551546100041	3551546101041		90	57	450	10,6	1,488	8,7	742	395	1,2339		700
	750	696	3551546100044	3551546101044		100	55	590	12,7	1,830	10,6	923	493	1,2258		900
<b>1411</b>	450	397	3551546100049	3551546101049		85	52	270	10,2	1,375	8,2	669	354	1,2461		700
	500	445	3551546100050	3551546101050		90	52	320	11,1	1,513	8,9	742	393	1,2424		700
	550	494	3551546100051	3551546101051		90	46	320	11,9	1,650	9,7	813	432	1,2394		700
	600	547	3551546100052	3551546101052		90	57	450	12,7	1,788	10,4	892	474	1,2366		900
	750	696	3551546100053	3551546101053		100	55	590	15,3	2,200	12,7	1111	592	1,2311		1000
<b>1807</b>	450	397	3551546100033	3551546101033		85	52	270	13,0	1,730	10,3	835	442	1,2439		700
	500	445	3551546100036	3551546101036		90	52	320	14,0	1,910	11,3	928	492	1,2427		900
	550	494	3551546100039	3551546101039		90	46	320	15,1	2,083	12,2	1019	540	1,2417		1000
	600	547	3551546100042	3551546101042		90	57	450	16,1	2,250	13,2	1121	595	1,2408		1000
	750	696	3551546100045	3551546101045		100	55	590	19,3	2,774	16,0	1402	745	1,2390		1200

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# CLAUDIA<sup>®</sup>

## SQUARE



page 40

WARRANTY  
**5 YEARS**

**MATERIAL:**

- Frame collector in painted mild steel 40x40 mm.
- Horizontal heating elements in painted mild steel ø 25 mm.

**FIXING KIT:**

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 - class 4.

**PACKAGING:**

The radiator is protected by recyclable carton box. User notice included.

**PAINTING PROCESS:**

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

**COLOURS:**

See colour chart on page 486.

**ACCESSORIES:**

For the complete list, please refer to the accessories chapter.

AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



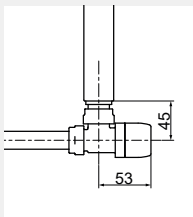
## ACCESSORIES



**Kristal valve square  
with thermostatic option  
white R01**

Copper conn. Ø 12/14/15  
Art. nr. 5991990311161

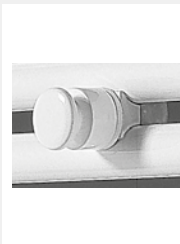
Multilayer conn. Ø 16  
Art. nr. 5991990311160



Quotes for square Kristal valves with thermostatic option



**Towel bar painted mild  
steel white R01**



**Kit 2 hooks  
white R01**

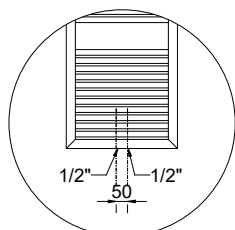
Art. nr. 5991990310028

Width	Art. nr.	Available on width
276 mm	5991990310047	≥ 400 mm
368 mm	5991990310029	≥ 500 mm

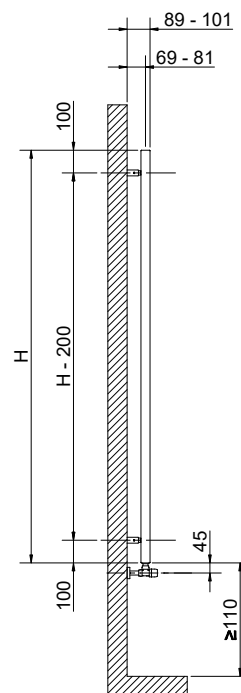
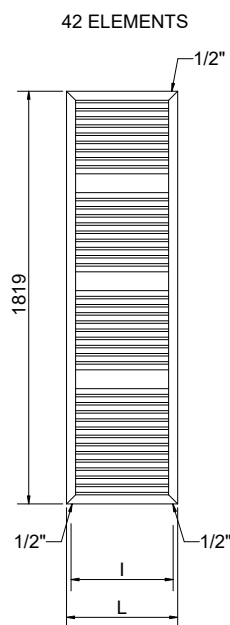
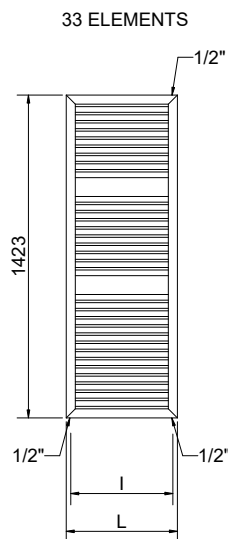
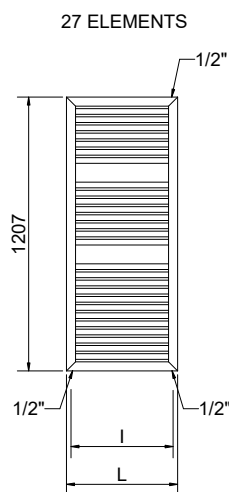
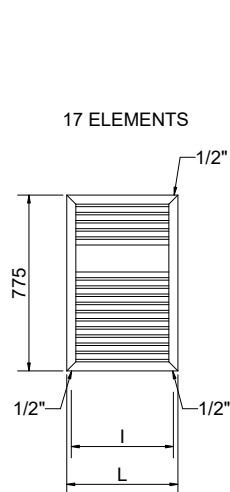
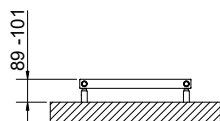
If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves

## CLAUDIA® SQUARE

CLAUDIA® SQUARE				Pipe centres 50 mm		Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]	
775	490	450	3551356100301	3551356100309	7,3	0,860	4,7	407	215	1,2472	400	
	540	500	3551356100305	3551356100313	7,9	0,938	5,1	451	239	1,2451	400	
1207	490	450	3551356100302	3551356100310	11,0	1,334	7,2	629	332	1,2488	600	
	540	500	3551356100306	3551356100314	11,8	1,453	7,9	693	367	1,2437	700	
1423	490	450	3551356100303	3551356100311	12,9	1,586	8,6	753	398	1,2498	700	
	540	500	3551356100307	3551356100315	13,8	1,729	9,4	827	438	1,2429	700	
1819	490	450	3551356100304	3551356100312	16,0	1,988	9,2	944	501	1,2417	900	
	540	500	3551356100308	3551356100316	17,2	2,163	10,0	1030	548	1,2336	1000	

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# ANNA



page **46**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



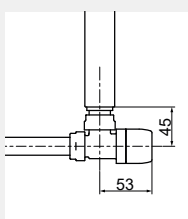
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



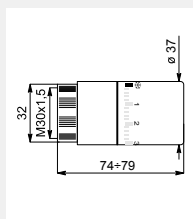
Quotes for square Kristal valves with thermostatic option

### Thermostatic head chromed



(Kit 2 pieces)

Art. nr. 5035270710015



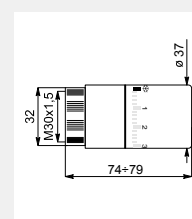
Thermostatic head quotes

### Thermostatic head white



(Kit 2 pieces)

Art. nr. 5035270710016



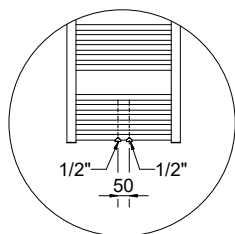
Thermostatic head quotes

*If ordered separately from the radiator, the accessories are available in standard white only*

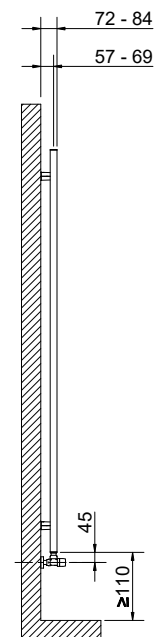
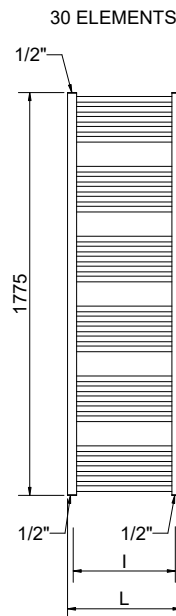
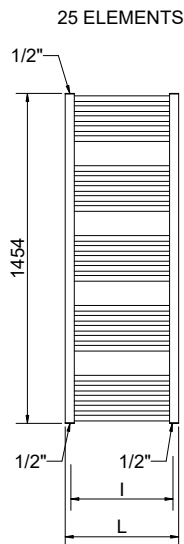
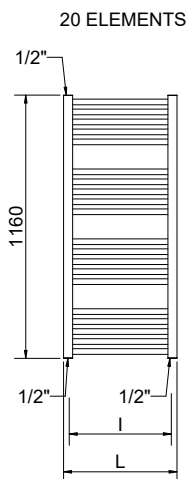
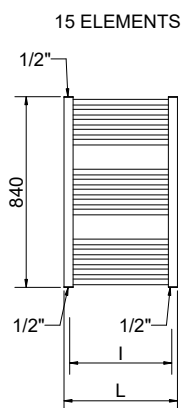
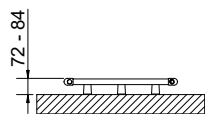
*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





Detail of the pipe centres 50 mm version



Quotes for Kristal valves

## ANNA

ANNA				Pipe centres 50 mm		Thermal output [Watt]					Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
840	400	350	3551686100001	3551686100017	4,7	0,588	3,6	325	175	1,2074	300
	450	400	3551686100005	3551686100021	5,1	0,647	3,9	358	193	1,2050	300
	500	450	3551686100009	3551686100025	5,4	0,706	4,2	392	212	1,2027	400
	550	500	3551686100041	3551686100033	5,8	0,740	4,6	426	231	1,2003	400
	600	550	3551686100013	3551686100029	6,1	0,823	4,9	458	248	1,1979	400
	750	700	3551686100045	3551686100037	7,2	0,940	5,9	573	312	1,1908	600
1160	400	350	3551686100002	3551686100018	6,4	0,797	4,9	429	230	1,2169	400
	450	400	3551686100006	3551686100022	6,9	0,876	5,3	472	254	1,2155	500
	500	450	3551686100010	3551686100026	7,3	0,954	5,7	515	277	1,2142	500
	550	500	3551686100042	3551686100034	7,8	1,000	6,2	557	300	1,2128	500
	600	550	3551686100014	3551686100030	8,3	1,111	6,6	600	323	1,2115	600
	750	700	3551686100046	3551686100038	9,7	1,300	7,9	728	393	1,2074	700
1454	400	350	3551686100003	3551686100019	8,0	0,998	6,1	534	287	1,2170	500
	450	400	3551686100007	3551686100023	8,6	1,096	6,7	586	315	1,2151	600
	500	450	3551686100011	3551686100027	9,2	1,194	7,2	639	344	1,2133	600
	550	500	3551686100043	3551686100035	9,7	1,250	7,7	692	373	1,2115	700
	600	550	3551686100015	3551686100031	10,4	1,390	8,3	744	401	1,2097	700
	750	700	3551686100047	3551686100039	12,1	1,630	9,9	902	488	1,2043	900
1775	400	350	3551686100004	3551686100020	9,7	1,205	7,4	660	354	1,2170	600
	450	400	3551686100008	3551686100024	10,4	1,323	8,1	725	390	1,2147	700
	500	450	3551686100012	3551686100028	11,1	1,440	8,7	789	425	1,2124	700
	550	500	3551686100044	3551686100036	11,7	1,500	9,3	855	461	1,2101	900
	600	550	3551686100016	3551686100032	12,4	1,620	10,0	919	496	1,2078	900
	750	700	3551686100048	3551686100040	14,5	1,960	11,9	1114	603	1,2009	1000

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta t/50$ )<sup>n</sup>



# NAUSICA



page 48

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel elliptical 50x25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 5 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



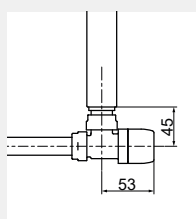
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn. Ø 12/14/15  
Art. nr. 5991990311161

Multilayer conn. Ø 16  
Art. nr. 5991990311160



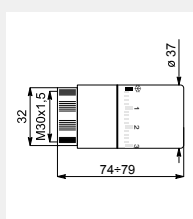
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



Thermostatic head quotes



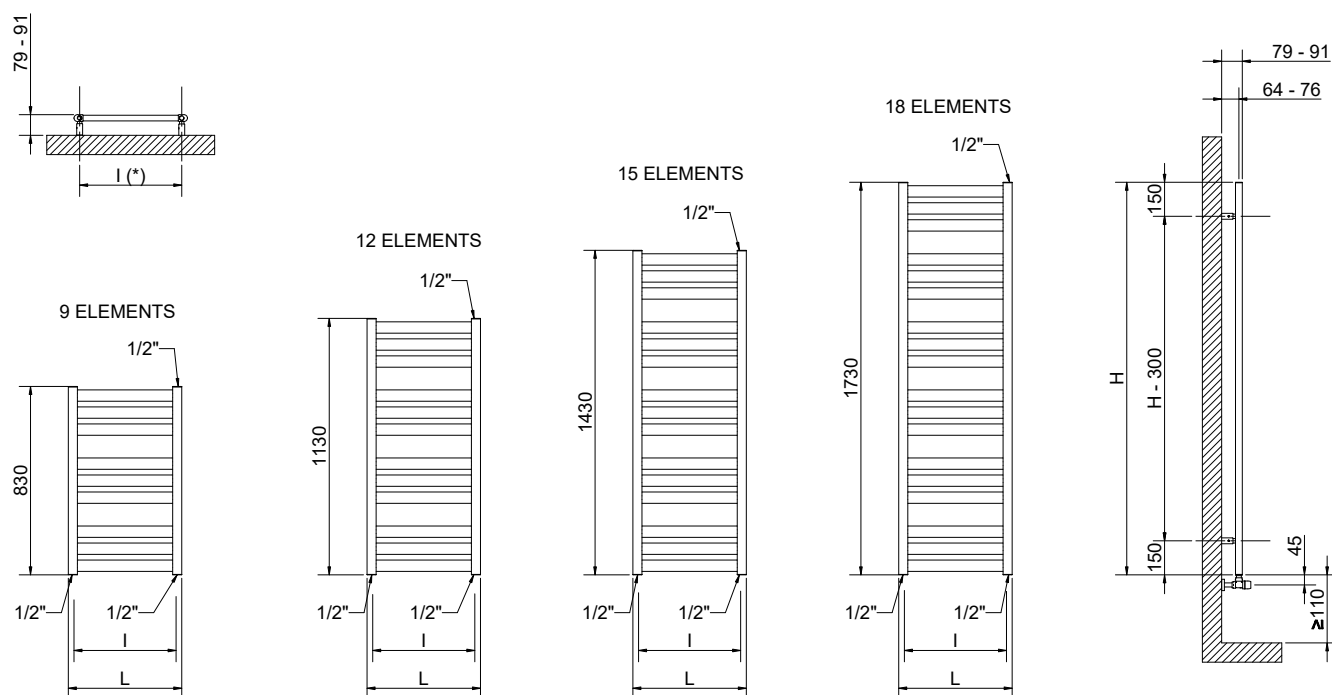
### Foldable towel bar in plexiglass and stainless steel

Width <b>L</b> x Depth <b>P</b>	Art. nr.
<b>L</b> 370 mm x <b>P</b> 377 mm	5991990310402
<b>L</b> 420 mm x <b>P</b> 377 mm	5991990310403

If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



(\*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves

## NAUSICA

Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>830</b>	500	450	3551626100101	6,50	0,67	4,70	350	186,9	1,2284	300
	550	500	3551626100107	7,00	0,72	5,10	378	201,7	1,2294	400
	600	550	3551626100104	7,50	0,78	5,50	407	216,9	1,2302	400
<b>1130</b>	500	450	3551626100102	8,70	0,90	6,30	472	250,9	1,2370	500
	550	500	3551626100108	9,40	0,97	6,90	507	269,6	1,2373	500
	600	550	3551626100105	10,00	1,04	7,40	545	289,6	1,2387	500
<b>1430</b>	500	450	3551626100103	10,90	1,13	8,00	575	304,4	1,2458	600
	550	500	3551626100109	11,80	1,22	8,60	622	328,8	1,2469	600
	600	550	3551626100106	12,60	1,31	9,20	668	352,6	1,2512	700
<b>1730</b>	500	450	3551626100111	13,10	1,36	9,60	679	355,9	1,2636	700
	550	500	3551626100110	14,10	1,47	10,30	733	384,3	1,2648	700
	600	550	3551626100112	15,10	1,58	11,10	788	412,1	1,2687	700

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t/50)^n$



# NAIKE SQUARE



page 50

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Frame collector in painted mild steel 30x30 mm.
- Horizontal heating elements in painted mild steel 15x20 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



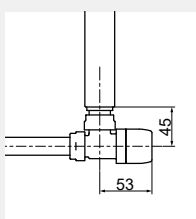
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn. Ø 12/14/15  
Art. nr. 5991990311161

Multilayer conn. Ø 16  
Art. nr. 5991990311160



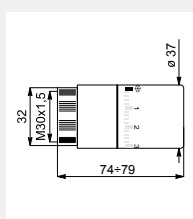
Quotes for square Kristal valves with thermostatic option

### Thermostatic head white



(Kit 2 pieces)

Art. nr. 5035270710016



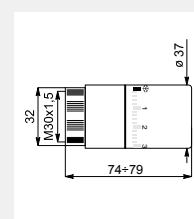
Thermostatic head quotes

### Thermostatic head chromed



(Kit 2 pieces)

Art. nr. 5035270710015



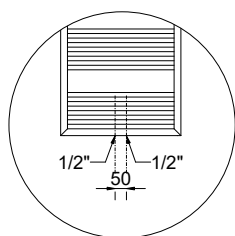
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only

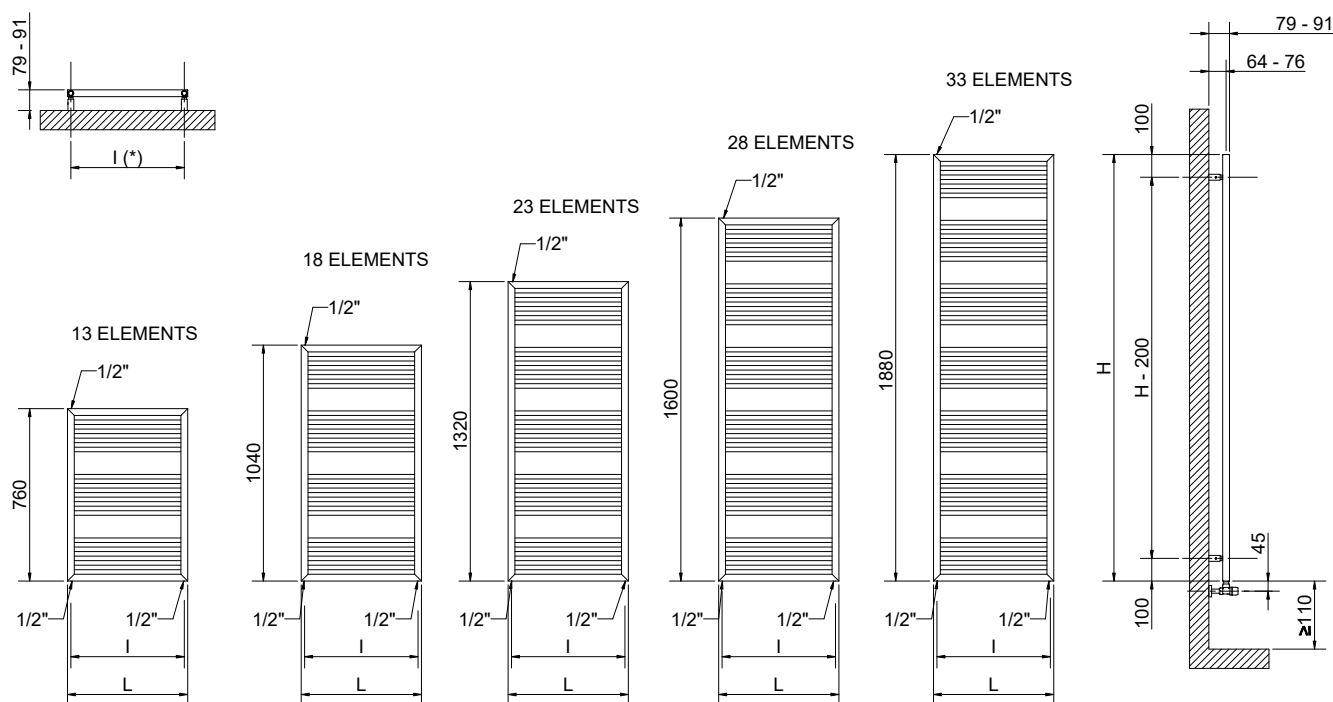
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453





Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## NAIKE SQUARE

NAIKE SQUARE				Pipe centres 50 mm		Thermal output [Watt]					Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
760	480	450	3551826102021	3551826102029	7,00	0,60	2,90	333	176	1,2458	300
	530	500	3551826102025	3551826102033	7,60	0,65	3,10	361	191	1,2443	300
	580	550	3551826102005	3551826102015	8,20	0,70	3,40	389	206	1,2421	400
1040	480	450	3551826102022	3551826102030	9,20	0,80	00,00	444	236	1,2357	400
	530	500	3551826102026	3551826102034	10,00	0,85	4,00	486	259	1,2318	500
	580	550	3551826102006	3551826102016	10,80	0,92	4,30	528	282	1,2279	500
1320	480	450	3551826102002	3551826102012	11,40	0,97	4,60	563	298	1,2446	500
	530	500	3551826102004	3551826102014	12,40	1,05	4,90	612	325	1,2380	600
	580	550	3551826102008	3551826102018	13,30	1,14	5,20	661	352	1,2315	600
1600	480	450	3551826102023	3551826102031	13,70	1,16	5,50	644	338	1,2635	600
	530	500	3551826102027	3551826102035	14,80	1,26	5,80	699	367	1,2621	700
	580	550	3551826102009	3551826102019	15,90	1,36	6,20	755	397	1,2567	700
1880	480	450	3551826102024	3551826102032	15,90	1,35	6,30	749	396	1,2486	700
	530	500	3551826102028	3551826102036	17,20	1,46	6,70	810	429	1,2454	700
	580	550	3551826102010	3551826102020	18,50	1,57	7,10	871	462	1,2432	900

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# NAIKE ROUND



page **52**

**EUROPEAN**  
WARRANTY

**NEW**

## MATERIAL:

- Frame collector in painted mild steel 30x30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



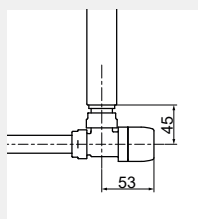
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



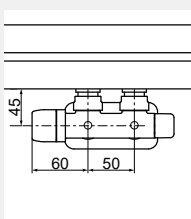
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



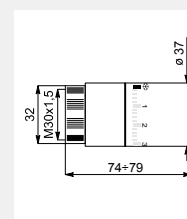
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016

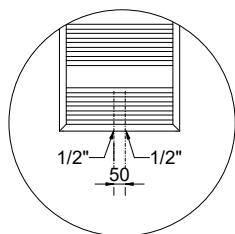


Thermostatic head quotes

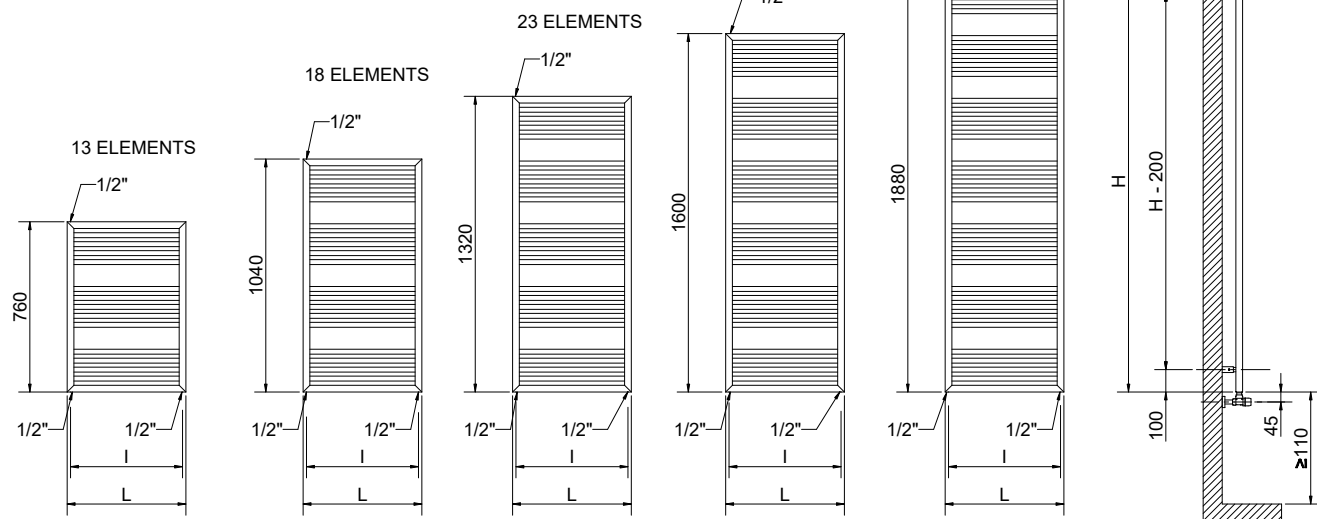
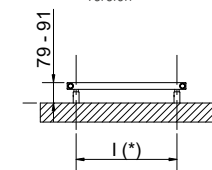
*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## NAIKE ROUND

NAIKE ROUND				Pipe centres 50 mm	Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
760	480	450	3551826102080	3551826102098	5,5	0,66	3,5	357	192	1,2203	300
	530	500	3551826102081	3551826102099	5,9	0,71	3,8	388	208	1,2164	400
	580	550	3551826102082	3551826102100	6,3	0,78	4,1	418	225	1,2130	400
1040	480	450	3551826102083	3551826102101	6,4	0,81	4,2	479	257	1,2216	500
	530	500	3551826102084	3551826102102	6,9	0,9	4,6	521	280	1,2172	500
	580	550	3551826102085	3551826102103	7,4	0,96	4,9	562	302	1,2135	500
1320	480	450	3551826102089	3551826102107	8,7	1,1	5,7	599	321	1,2229	600
	530	500	3551826102090	3551826102108	9,4	1,2	6,2	651	349	1,2180	600
	580	550	3551826102091	3551826102109	9,9	1,3	6,6	702	378	1,2139	700
1600	480	450	3551826102092	3551826102110	10,4	1,3	6,8	717	384	1,2242	700
	530	500	3551826102093	3551826102111	11	1,4	7,3	779	418	1,2189	700
	580	550	3551826102094	3551826102112	11,8	1,5	7,8	840	452	1,2144	700
1880	480	450	3551826102095	3551826102113	12	1,5	7,9	834	446	1,2255	700
	530	500	3551826102096	3551826102114	12,9	1,6	8,5	905	486	1,2197	900
	580	550	3551826102097	3551826102115	13,6	1,7	9,1	977	525	1,2148	1000

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# LUCY 18



page 54

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  18 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 304)
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



**Kristal valve square  
with thermostatic option  
white R01**

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



**Kit 2 hooks  
white R01**

Art. nr. 5991990310388

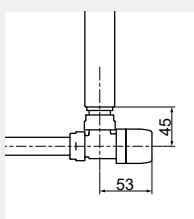


**Towel bar  
white R01**

Width 440 mm

Available with width  $\geq$   
500 mm

Art. nr. 5991990331126



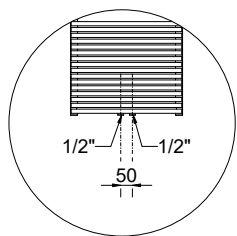
Quotes for square Kristal valves with thermostatic option

*If ordered separately from the radiator, the accessories are available in standard white only*

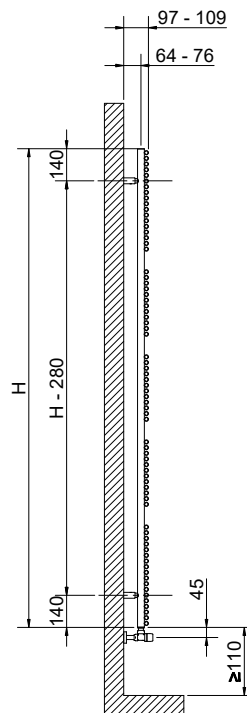
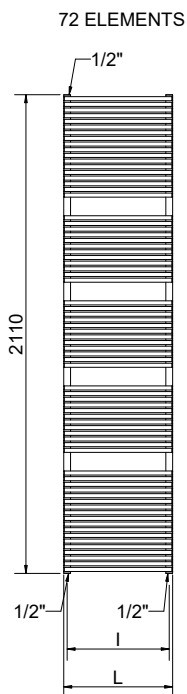
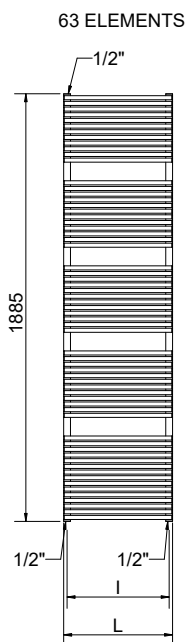
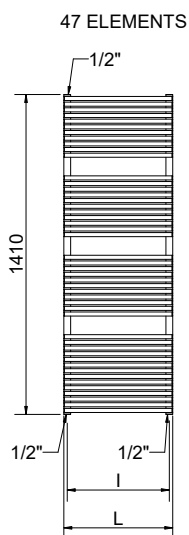
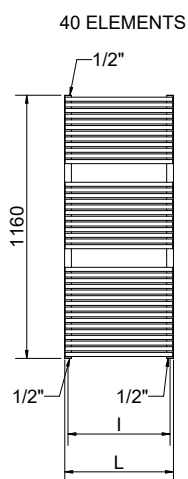
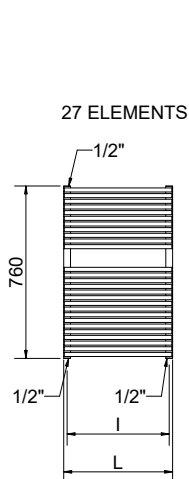
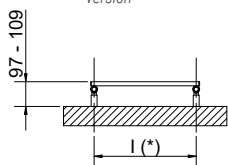
*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## LUCY 18

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Pipe centres 50 mm			Thermal output [Watt]				Dual energy kit [Watt]
				Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	
760	430	400	3551406100300	3551406100320	6,7	0,75	2,9	436	238	1,1839	400
	480	450	3551406100304	3551406100324	8,0	0,88	3,3	489	268	1,1780	500
	430	400	3551406100301	3551406100321	11,0	1,19	4,6	631	341	1,2071	600
1160	480	450	3551406100305	3551406100325	12,0	1,30	4,9	705	383	1,1960	700
	530	500	3551406100308	3551406100328	13,0	1,42	5,3	779	425	1,1852	700
	580	550	3551406100312	3551406100332	13,9	1,53	5,7	852	468	1,1743	700
1410	430	400	3551406100302	3551406100322	13,0	1,40	5,4	753	407	1,2065	700
	480	450	3551406100306	3551406100326	14,2	1,54	5,9	838	455	1,1971	700
	530	500	3551406100309	3551406100329	15,3	1,67	6,4	923	503	1,1876	900
	580	550	3551406100313	3551406100333	16,5	1,81	6,2	1008	552	1,1782	1000
1885	430	400	3551406100303	3551406100323	17,5	1,87	7,3	986	533	1,2054	1000
	480	450	3551406100307	3551406100327	19,1	2,07	7,9	1090	591	1,1988	1000
	530	500	3551406100310	3551406100330	20,5	2,24	8,5	1194	649	1,1922	1200
	580	550	3551406100314	3551406100334	22,2	2,44	9,1	1298	708	1,1856	1200
2110	530	500	3551406100311	3551406100331	23,4	2,56	9,7	1322	722	1,1853	1200
	580	550	3551406100315	3551406100335	25,2	2,76	10,3	1438	788	1,1779	1200
	730	700	3551406100316	3551406100336	30,7	3,38	12,5	1768	980	1,1558	1200

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# LUCY 18 PLUS



page 55

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Double horizontal heating elements in painted mild steel  $\varnothing$  18 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



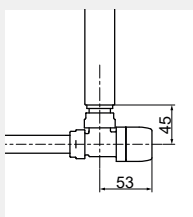
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



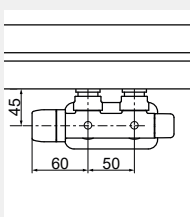
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



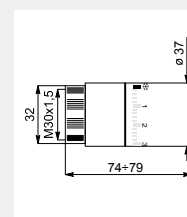
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016

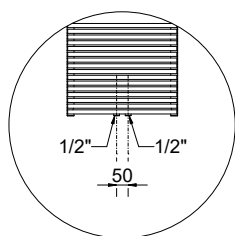


Thermostatic head quotes

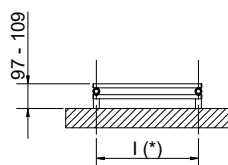
If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

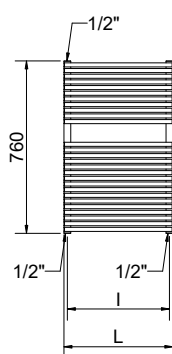
Accessories and spare parts - see from page 453



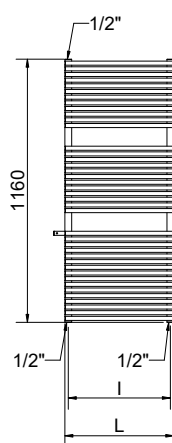
Detail of the pipe centres 50 mm version



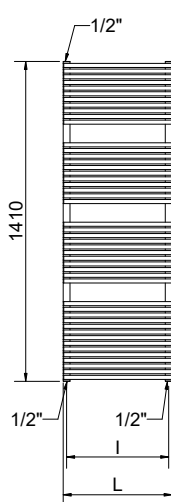
27 + 27 ELEMENTS



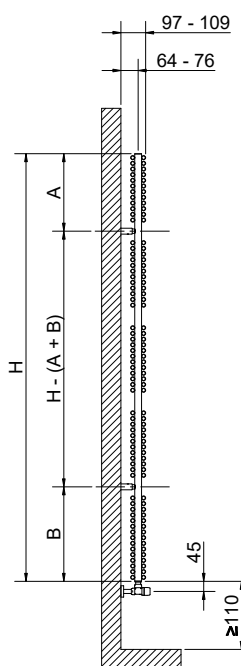
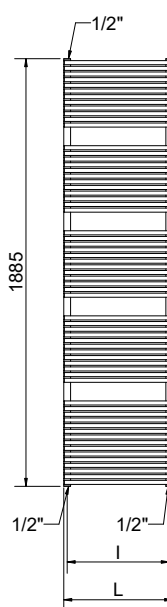
40 + 40 ELEMENTS



47 + 47 ELEMENTS



63 + 63 ELEMENTS



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## LUCY 18 PLUS

Height [mm]	Width L [mm]	Pipe centres l [mm]	A [mm]	B [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
760	430	400	316	67	3551406101300	3551406101314	12,7	1,4	5,1	565	298	1,2541	500
	480	450			3551406101304	3551406101318	14,0	1,6	5,6	711	377	1,2431	700
1160	430	400	341	441	3551406101301	3551406101315	19,5	1,2	7,9	821	432	1,2564	700
	480	450			3551406101305	3551406101319	21,5	2,3	8,7	1018	538	1,2495	1000
	530	500			3551406101308	3551406101322	23,5	2,6	9,4	1215	643	1,2449	1200
	580	550			3551406101311	3551406101325	25,3	2,8	10,2	1609	854	1,2391	1200
1410	430	400	316	391	3551406101302	3551406101316	23,0	2,5	9,4	957	503	1,2576	900
	480	450			3551406101306	3551406101320	25,4	2,8	10,2	1183	624	1,2529	1200
	530	500			3551406101309	3551406101323	27,2	3,0	11,3	1421	750	1,2498	1200
	580	550			3551406101312	3551406101326	30,2	3,3	12,0	1897	1004	1,2459	1200
1885	430	400	341	416	3551406101303	3551406101317	31,0	3,4	12,5	1268	666	1,2604	1200
	480	450			3551406101307	3551406101321	34,0	3,8	13,7	1565	822	1,2608	1200
	530	500			3551406101310	3551406101324	37,2	4,1	14,9	1861	977	1,2610	1200
	580	550			3551406101313	3551406101327	40,3	4,5	16,1	2042	1072	1,2621	1200

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# LUCY 18 WIDE



page 56

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  18 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



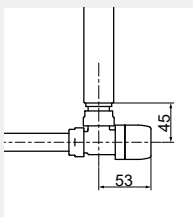
## ACCESSORIES



**Kristal valve square  
with thermostatic option  
white R01**

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



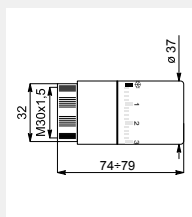
Quotes for square Kristal valves with thermostatic option



**Thermostatic head  
white**

(Kit 2 pieces)

Art. nr. 5035270710016



Thermostatic head quotes



**Kit 2 hooks  
white R01**

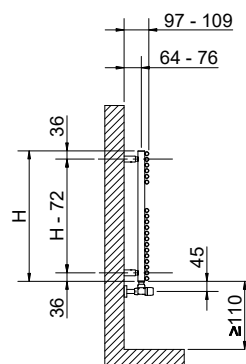
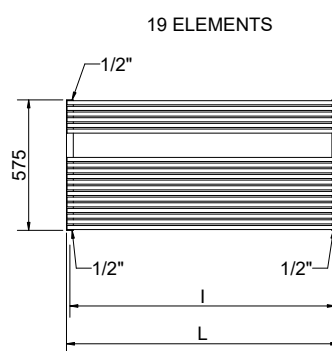
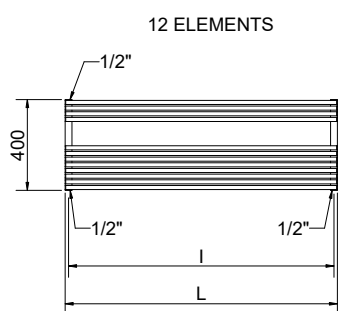
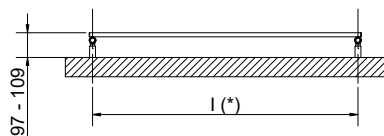
Art. nr. 5991990310388

*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## LUCY 18 WIDE

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>400</b>	1200	1170	3551406100250	8,1	0,89	3,2	585	319	1,18905	400
	1400	1370	3551406100252	9,0	1,025	3,6	701	383	1,18223	400
<b>575</b>	1200	1170	3551406100251	12,6	1,4	5,0	901	493	1,1811	700
	1400	1370	3551406100253	14,2	1,6	5,7	1091	587	1,21455	700

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t / 50)^n$



# LUCY 25



page 60

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



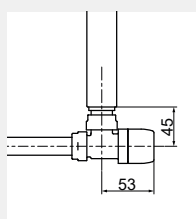
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



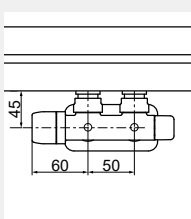
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



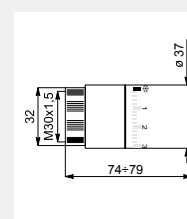
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016

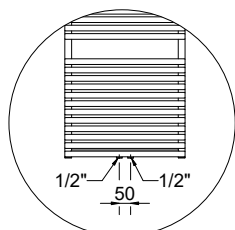


Thermostatic head quotes

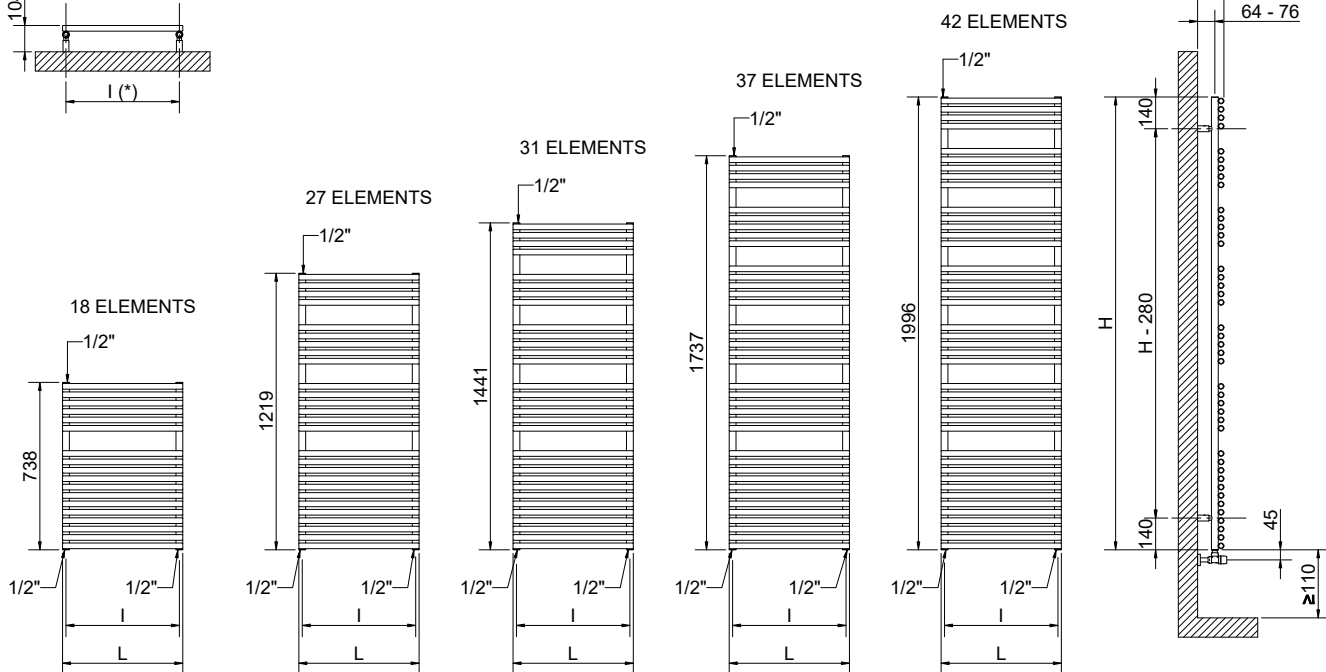
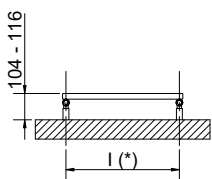
If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## LUCY 25

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Pipe centres 50 mm							Dual energy kit [Watt]
				Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		Exp. n	
738	430	400	3551406100340	3551406100360	5,8	0,747	4,1	410	224	1,1862	400
	480	450	3551406100344	3551406100364	6,4	0,818	4,5	449	244	1,1956	400
	430	400	3551406100341	3551406100361	9,0	1,142	6,3	605	317	1,2664	600
1219	480	450	3551406100345	3551406100365	9,8	1,248	6,8	661	353	1,2289	600
	530	500	3551406100348	3551406100368	10,6	1,354	7,4	717	369	1,3021	700
	580	550	3551406100352	3551406100372	11,4	1,460	8,0	773	395	1,3127	700
1441	430	400	3551406100342	3551406100362	10,4	1,319	7,3	685	366	1,2255	700
	480	450	3551406100346	3551406100366	11,3	1,440	7,9	748	398	1,2346	700
	530	500	3551406100349	3551406100369	12,2	1,562	8,6	812	435	1,2229	700
1737	580	550	3551406100353	3551406100373	13,1	1,684	9,2	875	465	1,2378	900
	430	400	3551406100343	3551406100363	12,4	1,577	8,7	788	422	1,2236	700
	480	450	3551406100347	3551406100367	13,5	1,722	9,5	861	458	1,2354	900
1996	530	500	3551406100350	3551406100370	14,6	1,868	10,2	933	493	1,2482	900
	580	550	3551406100354	3551406100374	15,7	2,013	11,0	1006	531	1,2493	1000
	530	500	3551406100351	3551406100371	16,6	2,125	11,6	1041	392	1,9114	1000
1996	580	550	3551406100355	3551406100375	17,8	2,289	12,5	1121	605	1,2078	1000
	730	700	3551406100356	3551406100376	21,6	2,784	15,1	1364	729	1,2264	1200

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# LUCY 25 PLUS



page **61**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Double horizontal heating elements in painted mild steel  $\varnothing$  25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



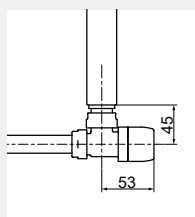
## ACCESSORIES

### Kristal valve square with thermostatic option white R01

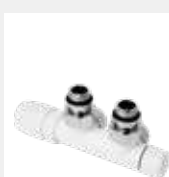


Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



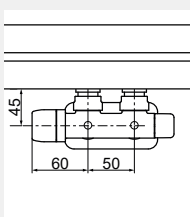
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



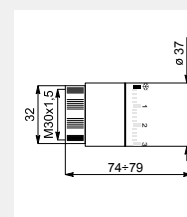
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



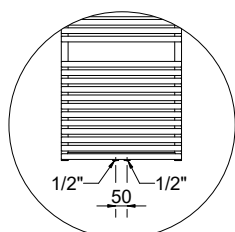
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only

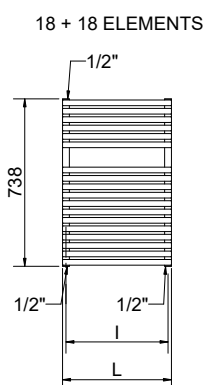
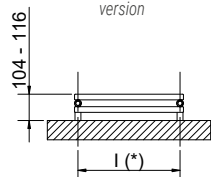
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

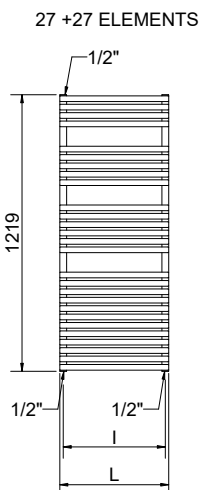




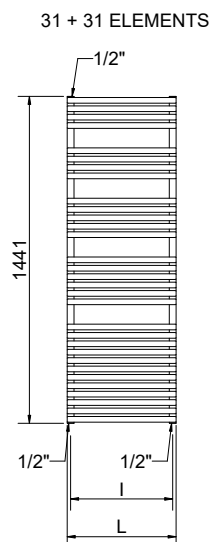
Detail of the pipe centres 50 mm version



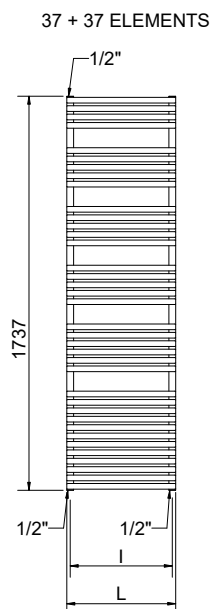
18 + 18 ELEMENTS



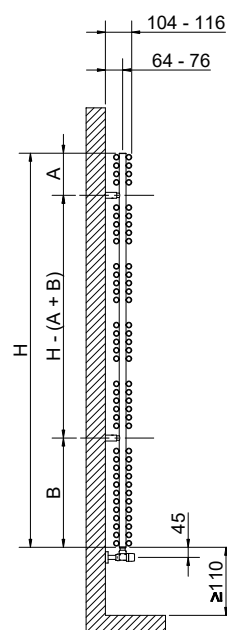
27 + 27 ELEMENTS



31 + 31 ELEMENTS



37 + 37 ELEMENTS



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## LUCY 25 PLUS

LUCY 25 PLUS						Pipe centres 50 mm		Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	A [mm]	B [mm]	Art. nr.	Art. nr.	Dry Weight [kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]	
738	430	400	226	911	3551406101400	3551406101414	11,07	1,44	7,76	531	280	1,2566	500	
	480	450			3551406101404	3551406101418	11,50	1,50	8,06	653	343	1,2617	600	
	430	400			3551406101401	3551406101415	15,84	2,05	11,11	787	401	1,3182	700	
1219	480	450	185	481	3551406101405	3551406101419	17,43	2,27	12,23	954	495	1,2839	900	
	530	500			3551406101408	3551406101422	19,03	2,48	13,35	1118	556	1,3677	1000	
	580	550			3551406101411	3551406101425	20,63	2,69	14,47	1460	719	1,3852	1200	
	430	400			3551406101402	3551406101416	18,25	2,37	12,80	871	453	1,2774	900	
1441	480	450	185	481	3551406101406	3551406101420	20,09	2,61	14,09	1056	546	1,2922	1000	
	530	500			3551406101409	3551406101423	21,92	2,85	15,38	1250	648	1,2869	1200	
	580	550			3551406101412	3551406101426	23,76	3,10	16,66	1647	844	1,3090	1200	
1737	430	400	185	481	3551406101403	3551406101417	21,81	2,83	15,30	1013	527	1,2794	1000	
	480	450			3551406101407	3551406101421	24,01	3,12	16,84	1236	637	1,2993	1200	
	530	500			3551406101410	3551406101424	26,20	3,41	18,37	1454	741	1,3203	1200	
	580	550			3551406101413	3551406101427	28,39	3,70	19,91	1583	802	1,3300	1200	

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# LUCY 25 CHROMED



page **62**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in mild steel chromed  $\varnothing$  30 mm.
- Horizontal heating elements in mild steel chromed  $\varnothing$  25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## FINISHING::

CHROMED (PLATED IN ITALY)

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



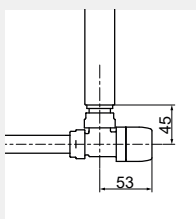
## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



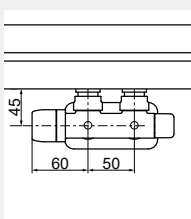
Quotes for square Kristal val-  
ves with thermostatic option



### Kristal valve square pipe centres 50 mm with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301152

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301151



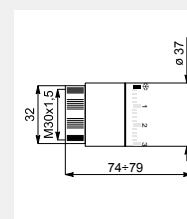
Quotes for square Kristal val-  
ves with thermostatic option



### Thermostatic head chromed

(Kit 2 pieces)

Art. nr. 5035270710015



Thermostatic head quotes

Accessories and spare parts - see from page 453





# GLORIA 18



page 64

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  18 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice. The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



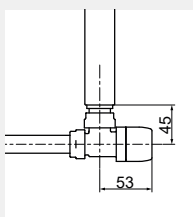
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



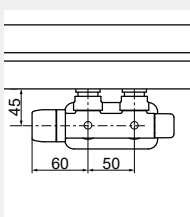
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



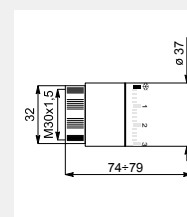
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



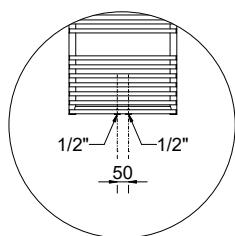
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only

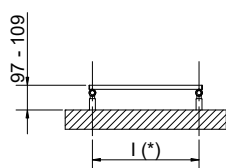
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

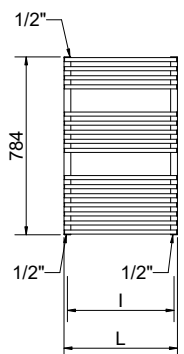




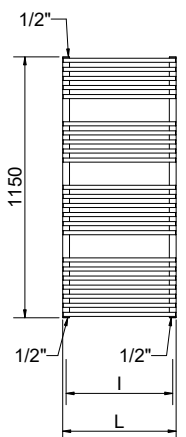
Detail of the pipe centres 50 mm version



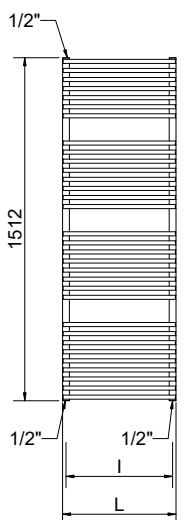
16 ELEMENTS



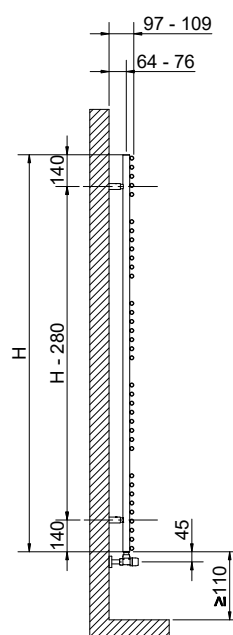
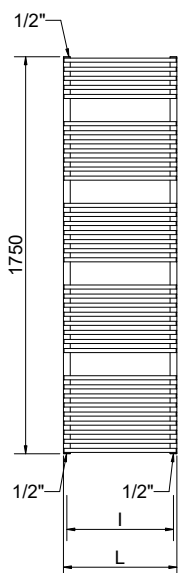
23 ELEMENTS



30 ELEMENTS



36 ELEMENTS



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## GLORIA 18

GLORIA 18				Pipe centres 50 mm		Thermal output [Watt]					Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
780	430	400	3551666100140	3551666100163	5,1	0,537	2,2	347	192	1,1628	300
	480	450	3551666100141	3551666100164	5,5	0,582	2,4	374	208	1,1533	300
	530	500	3551666100142	3551666100165	5,6	0,627	2,6	413	229	1,1540	400
	580	550	3551666100143	3551666100166	6,3	0,673	2,7	429	240	1,1344	400
1150	430	400	3551666100145	3551666100168	7,3	0,77	3,2	477	259	1,1959	500
	480	450	3551666100146	3551666100169	7,9	0,84	3,4	519	283	1,1905	500
	530	500	3551666100147	3551666100170	8	0,906	3,7	573	313	1,1825	600
	580	550	3551666100148	3551666100171	9,1	0,971	3,8	604	331	1,1797	600
1500	430	400	3551666100150	3551666100173	10	1,063	4,4	622	335	1,2128	600
	480	450	3551666100151	3551666100174	10,8	1,154	4,7	680	366	1,2100	700
	530	500	3551666100152	3551666100175	11	1,238	5	750	406	1,2012	700
	580	550	3551666100153	3551666100176	12,4	1,335	5,3	796	430	1,2045	700
1750	430	400	3551666100155	3551666100178	11,4	1,205	5	728	390	1,2238	700
	480	450	3551666100156	3551666100179	12,3	1,307	5,3	797	427	1,2229	700
	530	500	3551666100157	3551666100180	12,5	1,409	5,7	880	472	1,2211	900
	580	550	3551666100158	3551666100181	14,1	1,511	6	935	501	1,2209	900

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)\*n.



# GLORIA 22



page **66**

**EUROPEAN**  
WARRANTY

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 306)
- ☒ Dual energy (see page 470)
- ☒ Blower (see page 332)
- ☒ Blower dual energy (see page 334)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



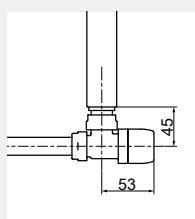
## ACCESSORIES

### Kristal valve square with thermostatic option white R01

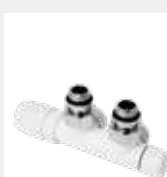


Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



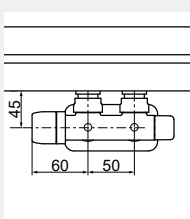
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



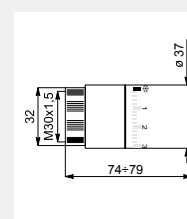
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016

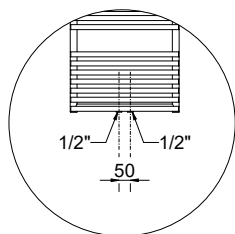


Thermostatic head quotes

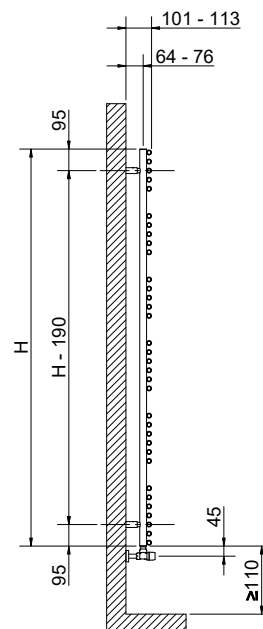
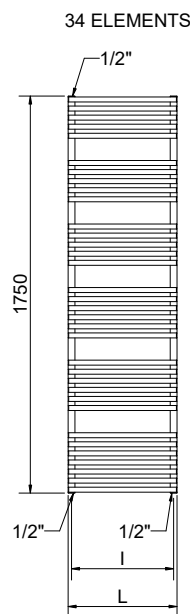
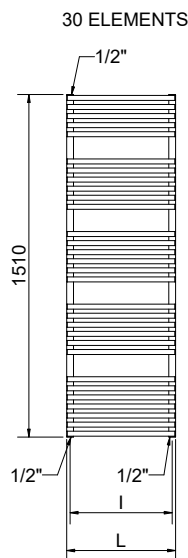
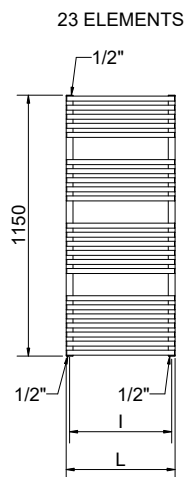
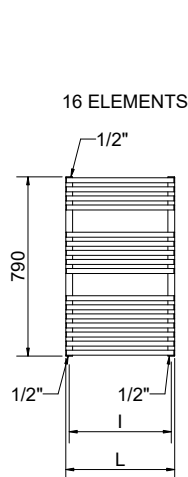
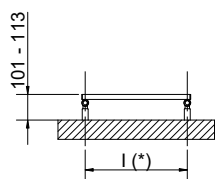
If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## GLORIA 22

GLORIA 22				Pipe centres 50 mm		Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]	
790	430	400	3551666100101	3551666100121	6,1	0,61	3,0	364	203	1,1418	300	
	480	450	3551666100102	3551666100122	6,6	0,66	3,1	401	224	1,1513	400	
1150	430	400	3551666100103	3551666100123	8,8	0,88	4,2	516	285	1,1615	500	
	480	450	3551666100104	3551666100124	9,5	0,95	4,6	567	314	1,1565	500	
	530	500	3551666100105	3551666100125	10,2	1,03	5,0	617	343	1,1516	600	
	580	550	3551666100106	3551666100126	10,9	1,10	5,3	668	372	1,1460	700	
	630	600	3551666100107	3551666100127	11,8	1,18	5,7	719	402	1,1405	700	
	430	400	3551666100108	3551666100128	11,4	1,14	5,5	668	368	1,1576	700	
1500	480	450	3551666100109	3551666100129	12,3	1,25	6,3	732	404	1,1562	700	
	530	500	3551666100110	3551666100130	13,2	1,32	6,5	796	440	1,1606	700	
	580	550	3551666100111	3551666100131	14,2	1,44	6,9	860	476	1,1568	900	
	630	600	3551666100112	3551666100132	15,0	1,53	7,3	924	513	1,1529	900	
1750	480	450	3551666100113	3551666100133	14,0	1,41	6,9	842	463	1,1644	700	
	530	500	3551666100114	3551666100134	15,1	1,52	7,4	915	504	1,1666	900	
	580	550	3551666100115	3551666100135	16,1	1,64	7,9	989	546	1,1638	1000	
	630	600	3551666100116	3551666100136	17,1	1,75	8,4	1062	587	1,1610	1000	
	730	700	3551666100117	3551666100137	19,2	1,97	9,4	1208	670	1,1659	1200	

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# GLORIA 22 PLUS



page **67**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Double horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



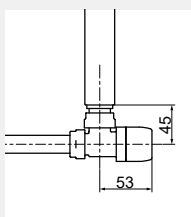
## ACCESSORIES

### Kristal valve square with thermostatic option white R01

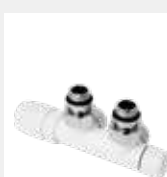


Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



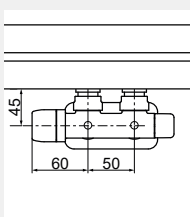
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



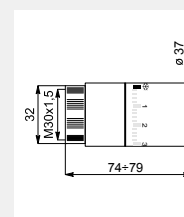
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



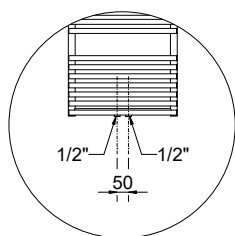
Thermostatic head quotes

*If ordered separately from the radiator, the accessories are available in standard white only*

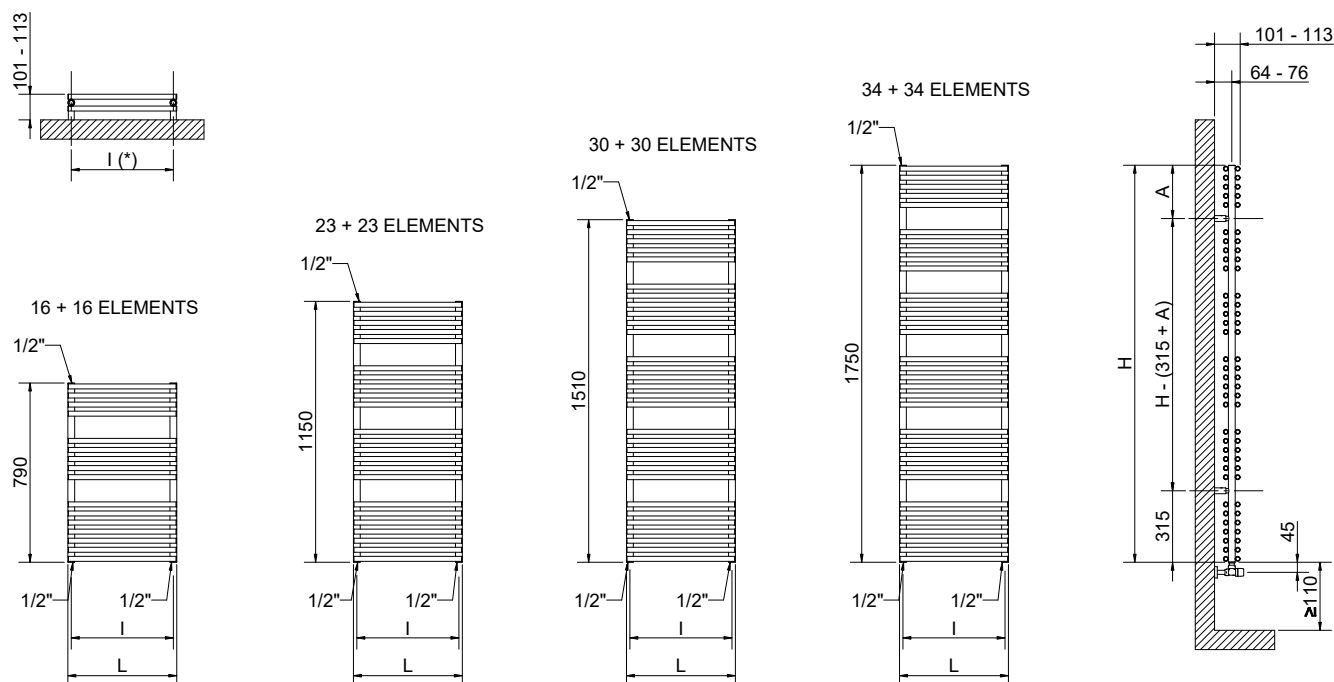
*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## GLORIA 22 PLUS

GLORIA 22 PLUS					Pipe centres 50 mm		Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	A [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]	
790	430	400	195	3551666100201	3551666100221	8,48	1,10	5,26	546	294	1,2095	500	
	480	450		3551666100202	3551666100222	9,30	1,21	5,77	642	345	1,2149	600	
1150	430	400	235	3551666100203	3551666100223	12,21	1,58	7,59	748	403	1,2090	700	
	480	450		3551666100204	3551666100224	13,40	1,74	8,31	822	444	1,2082	700	
	530	500		3551666100205	3551666100225	14,59	1,90	9,03	926	499	1,2096	900	
	580	550		3551666100206	3551666100226	15,79	2,06	9,75	1002	540	1,2093	1000	
	630	600		3551666100207	3551666100227	16,98	2,22	10,48	1079	588	1,1888	1000	
	430	400		3551666100208	3551666100228	15,94	2,07	9,91	935	501	1,2221	900	
1500	480	450	235	3551666100209	3551666100229	17,50	2,27	10,85	1025	550	1,2168	1000	
	530	500		3551666100210	3551666100230	19,05	2,48	11,79	1154	617	1,2274	1000	
	580	550		3551666100211	3551666100231	20,61	2,69	12,74	1247	672	1,2095	1200	
	630	600		3551666100212	3551666100232	22,16	2,90	13,68	1340	721	1,2125	1200	
1750	480	450	235	3551666100213	3551666100233	19,90	2,59	12,34	1137	606	1,2316	1000	
	530	500		3551666100214	3551666100234	21,66	2,82	13,41	1235	655	1,2420	1200	
	580	550		3551666100215	3551666100235	23,42	3,06	14,48	1385	741	1,2240	1200	
	630	600		3551666100216	3551666100236	25,19	3,29	15,55	1540	826	1,2204	1200	
	730	700		3551666100217	3551666100237	28,71	3,76	17,69	1752	937	1,2252	1200	

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired ΔT/50)<sup>n</sup>



# GLORIA 22 CHROMED



page **68**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in mild steel chromed  $\varnothing$  30 mm.
- Horizontal heating elements in mild steel chromed  $\varnothing$  22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## FINISHING::

CHROMED (PLATED IN ITALY)

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 308)
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



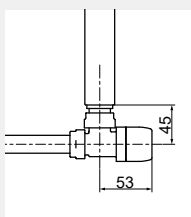
## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



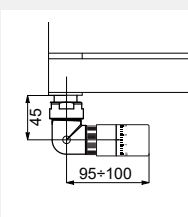
Quotes for square Kristal valves with thermostatic option



### Kristal valve corner with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301148

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301147



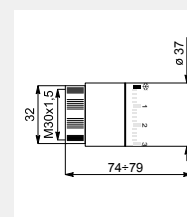
Quotes for corner Kristal valves with thermostatic option



### Thermostatic head chromed

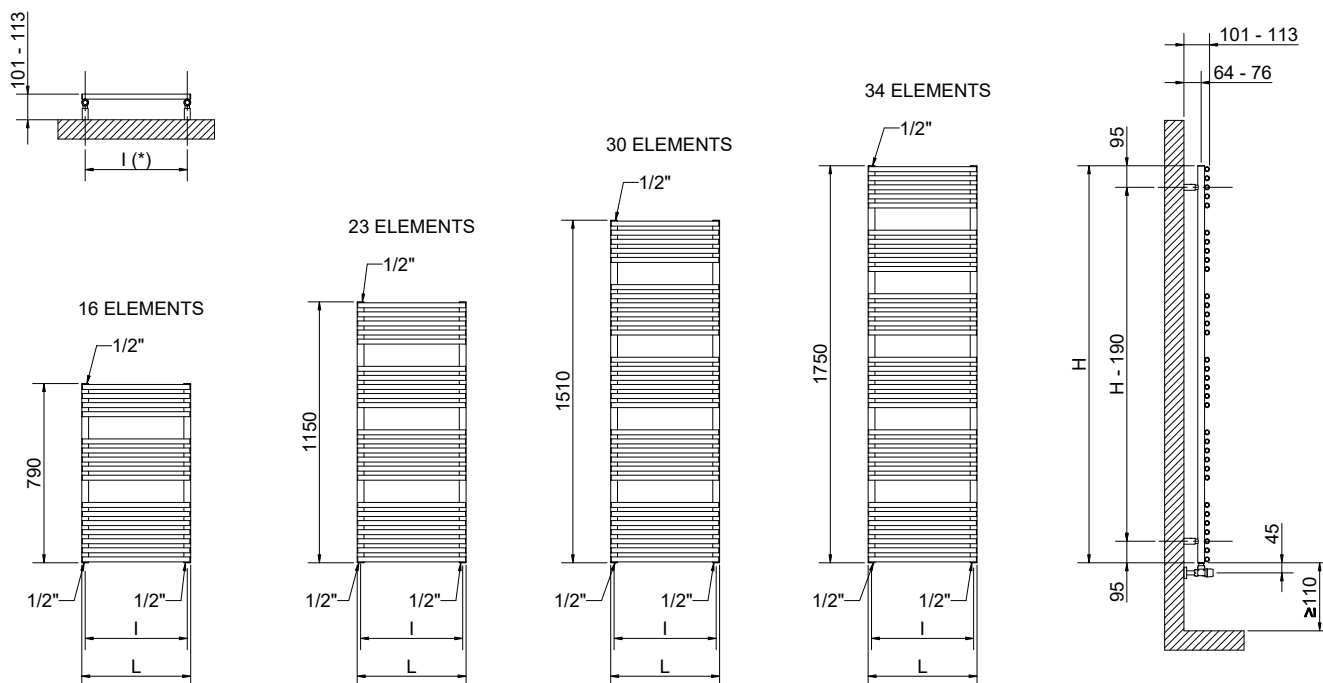
(Kit 2 pieces)

Art. nr. 5035270710015



Thermostatic head quotes

Accessories and spare parts - see from page 453



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## GLORIA 22 CHROMED

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>790</b>	430	400	3551666101101	6,1	0,61	3,0	279	151	1,1983	-
	480	450	3551666101102	6,6	0,66	3,1	302	164	1,1941	300
<b>1150</b>	430	400	3551666101103	8,8	0,88	4,2	392	209	1,2348	400
	480	450	3551666101104	9,5	0,95	4,6	426	228	1,2250	400
	530	500	3551666101105	10,2	1,03	5,0	460	247	1,2153	400
	580	550	3551666101106	10,9	1,10	5,3	494	267	1,2055	500
	630	600	3551666101107	11,8	1,18	5,7	528	287	1,1958	500
<b>1500</b>	430	400	3551666101108	11,4	1,41	5,5	502	268	1,2281	500
	480	450	3551666101109	12,3	1,25	6,3	546	292	1,2219	500
	530	500	3551666101110	13,2	1,32	6,5	591	318	1,2157	600
	580	550	3551666101111	14,2	1,44	6,9	636	343	1,2095	600
	630	600	3551666101112	15,0	1,53	7,3	680	368	1,2033	700
<b>1750</b>	480	450	3551666101113	6,8	1,41	6,7	626	336	1,2198	600
	530	500	3551666101114	7,3	1,50	7,4	678	364	1,2160	700
	580	550	3551666101115	7,9	1,63	7,9	730	393	1,2123	700
	630	600	3551666101116	8,4	1,75	8,4	782	422	1,2085	700
	730	700	3551666101117	8,9	1,86	8,9	886	480	1,2009	900

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# GLORIA 22

## WIDE



page **72**

**EUROPEAN**  
WARRANTY

### MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

#### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



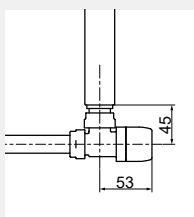
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



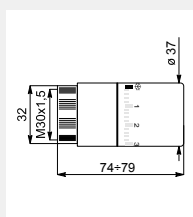
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



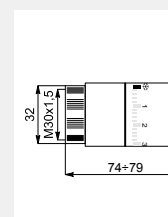
Thermostatic head quotes



### Thermostatic head chromed

(Kit 2 pieces)

Art. nr. 5035270710015



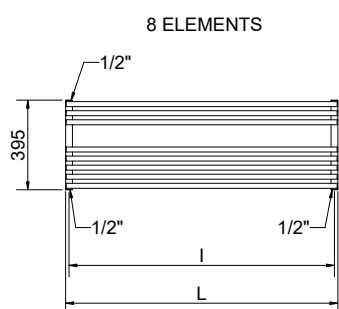
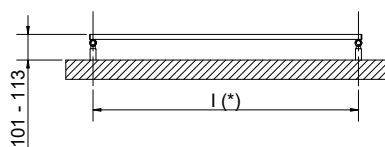
Thermostatic head quotes

*If ordered separately from the radiator, the accessories are available in standard white only*

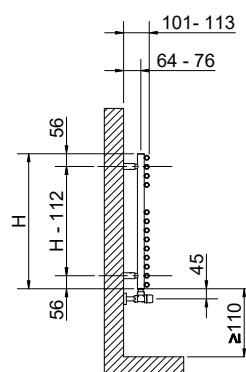
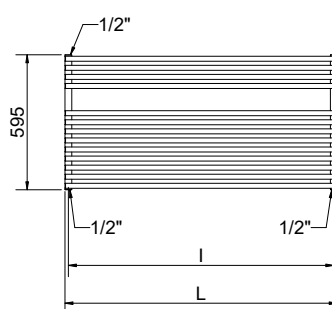
*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





13 ELEMENTS



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## GLORIA 22 WIDE

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>395</b>	1200	1170	3551666100001	6,7	0,73	3,5	488	268	1,1717	400
	1400	1370	3551666100003	7,7	0,85	3,8	565	308	1,1860	400
<b>595</b>	1200	1170	3551666100002	10,8	1,9	5,3	788	425	1,2070	700
	1400	1370	3551666100004	12,4	1,37	6,2	911	495	1,1954	700

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t / 50)^n$



# DORY



page **76**

**EUROPEAN**  
WARRANTY

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 310)
- ☒ Dual energy (see page 470)
- ☒ Blower (see page 336)
- ☒ Blower dual energy (see page 338)

P. Max: 5 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



### Kristal valve square with thermostatic option white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



### Kit 2 hooks white R01

Art. nr. 5991990310389

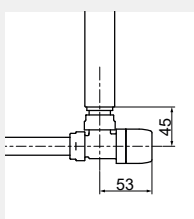


### Towel bar white R01

Width 440 mm

Available with width  $\geq$  500 mm

Art. nr. 5991990331127

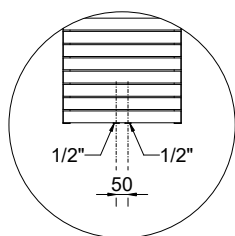


Quotes for square Kristal valves with thermostatic option

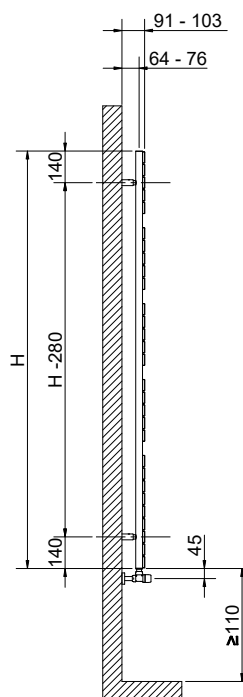
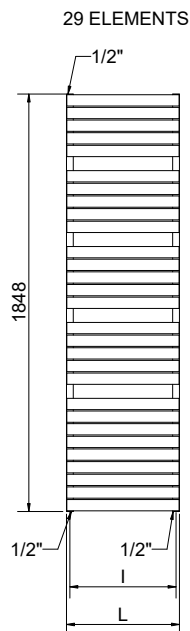
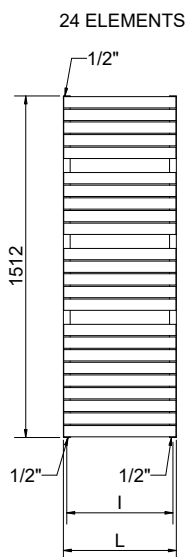
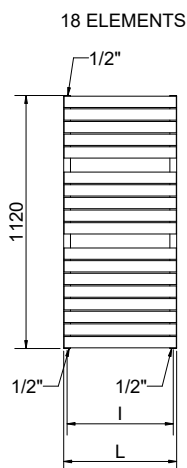
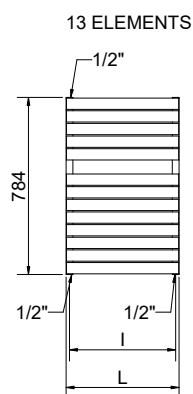
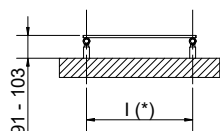
*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## DORY

DORY				Pipe centres 50 mm		Thermal output [Watt]					Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
784	400	370	3551426100200	3551426100230	7,3	0,772	2,8	355	195	1,1761	300
	500	470	3551426100210	3551426100240	8,7	0,928	3,2	442	243	1,1679	400
1120	400	370	3551426100201	3551426100231	10,2	1,075	3,9	482	265	1,1741	500
	500	470	3551426100211	3551426100241	12,1	1,291	4,5	592	326	1,1693	600
	600	570	3551426100221	3551426100251	14,1	1,507	5,2	702	387	1,1660	700
1512	400	370	3551426100202	3551426100232	13,6	1,437	5,2	631	347	1,1716	600
	500	470	3551426100212	3551426100242	16,2	1,725	6,1	767	422	1,1709	700
	600	570	3551426100222	3551426100252	18,8	2,013	6,9	904	497	1,1704	900
1848	400	370	3551426100203	3551426100233	16,5	1,740	6,3	751	413	1,1696	700
	500	470	3551426100213	3551426100243	19,6	2,088	7,4	911	501	1,1722	900
	600	570	3551426100223	3551426100253	22,8	2,436	8,4	1071	588	1,1740	1000

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# KATIA VX



page **82**

**EUROPEAN**  
WARRANTY

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel 15x20 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



**Kristal valve square  
with thermostatic option  
white R01**

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



**Kit 2 hooks  
white R01**

Art. nr. 5991990310391

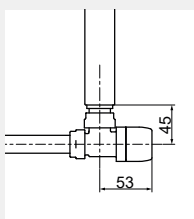


**Towel bar  
white R01**

Width 440 mm

Available with width  $\geq$   
500 mm

Art. nr. 5991990331129



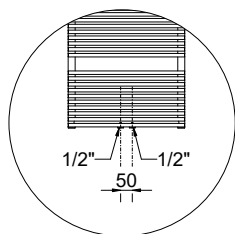
Quotes for square Kristal val-  
ves with thermostatic option

*If ordered separately from the radiator, the accessories are available in standard white only*

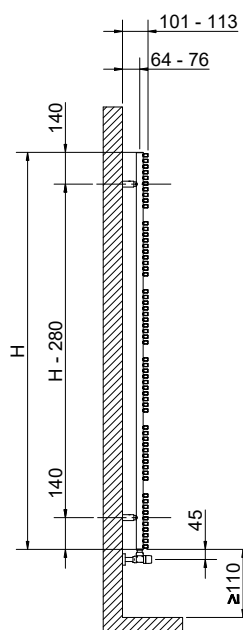
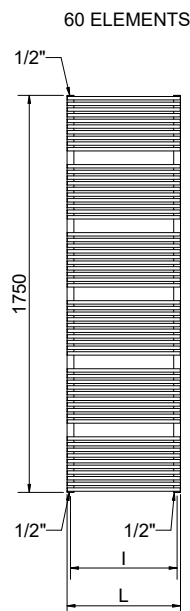
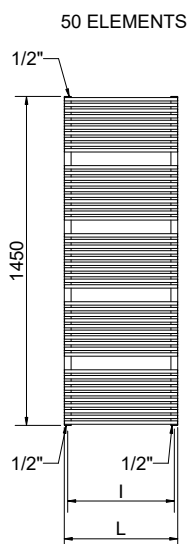
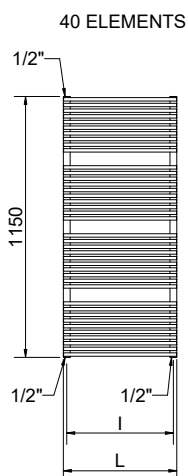
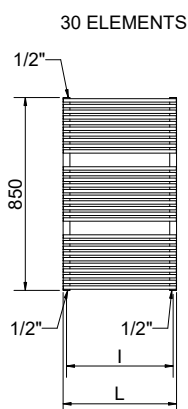
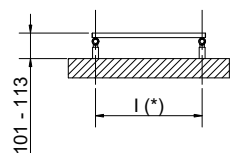
*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## KATIA VX

KATIA VX				Pipe centres 50 mm	Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
850	400	370	3551826101001	3551826101101	9,3	1,00	2,68	474	256	1,2065	500
	500	470	3551826101005	3551826101105	11,2	1,21	3,12	571	310	1,1965	600
1150	400	370	3551826101002	3551826101102	12,4	1,33	3,60	580	311	1,2224	600
	500	470	3551826101006	3551826101106	14,9	1,61	4,18	731	392	1,2186	700
	600	570	3551826101009	3551826101109	17,3	1,89	4,75	886	476	1,2147	900
	800	770	3551826101012	3551826101112	23,4	2,45	6,38	1196	645	1,2100	1200
1450	400	370	3551826101003	3551826101103	15,6	1,67	4,52	723	385	1,2354	700
	500	470	3551826101007	3551826101107	18,6	2,03	5,24	892	477	1,2270	900
	600	570	3551826101010	3551826101110	21,7	2,37	5,96	1064	571	1,2185	1000
	800	770	3551826101013	3551826101113	29,3	3,00	8,00	1408	760	1,2077	1200
1750	400	370	3551826101004	3551826101104	18,7	2,00	5,43	861	454	1,2542	900
	500	470	3551826101008	3551826101108	22,4	2,45	6,29	1058	564	1,2315	1000
	600	570	3551826101011	3551826101111	26,0	2,85	7,16	1259	679	1,2084	1200
	800	770	3551826101014	3551826101114	35,2	3,60	9,61	1661	909	1,1794	1200

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)\*n



# KATIA VX PLUS



page **83**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Double horizontal heating elements in painted mild steel 15x20 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



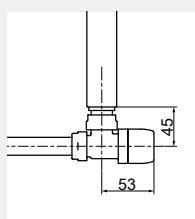
## ACCESSORIES

### Kristal valve square with thermostatic option white R01

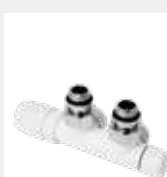


Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



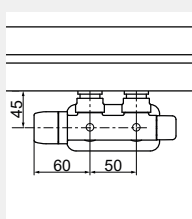
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



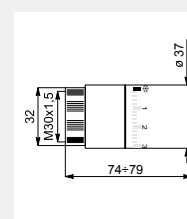
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016

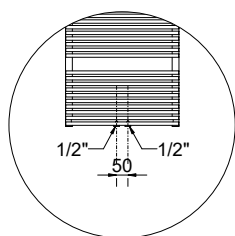


Thermostatic head quotes

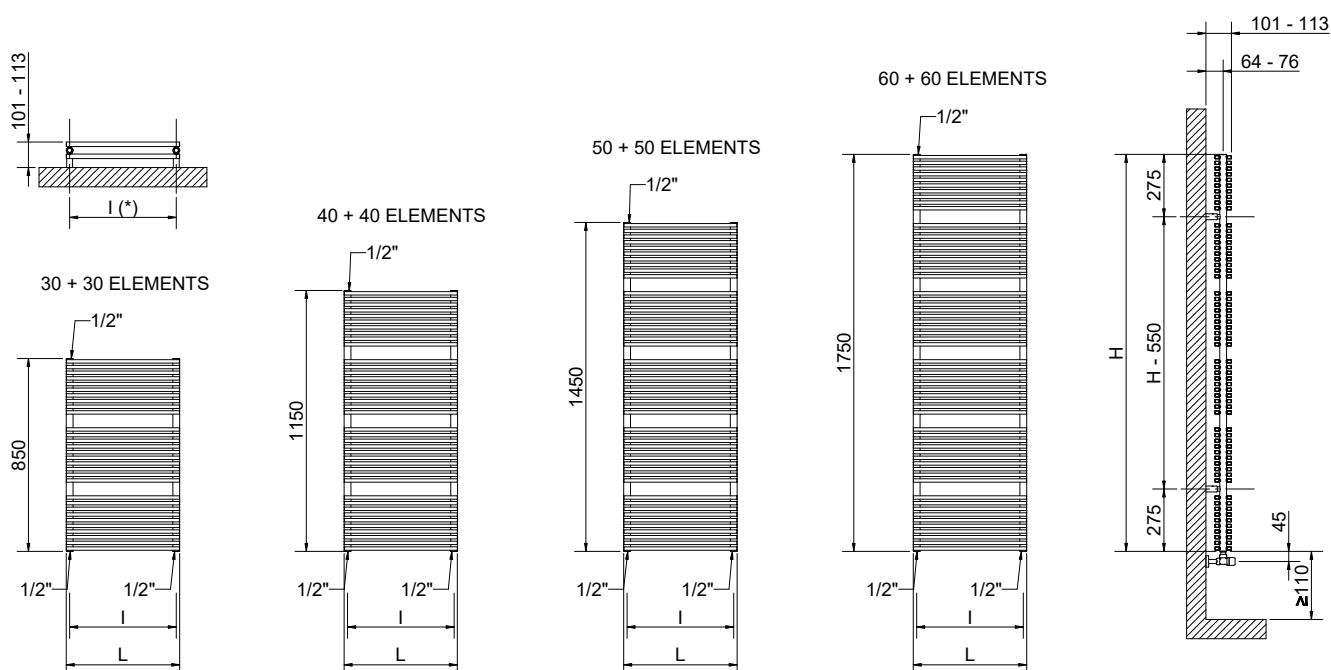
*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## KATIA VX PLUS

KATIA VX PLUS				Pipe centres 50 mm	Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
850	400	370	3551826100101	3551826100115	16,40	1,70	6,20	608	322	1,2419	600
	500	470	3551826100105	3551826100119	19,90	2,10	7,50	782	416	1,2353	700
1150	400	370	3551826100102	3551826100116	21,90	2,20	8,30	772	408	1,2497	700
	500	470	3551826100106	3551826100120	26,60	2,70	10,10	995	528	1,2405	1000
	600	570	3551826100109	3551826100123	31,30	3,20	11,80	1219	650	1,2312	1200
	800	770	3551826100112	3551826100126	40,60	4,20	15,40	1667	897	1,2128	1200
1450	400	370	3551826100103	3551826100117	27,40	2,80	10,40	937	493	1,2575	900
	500	470	3551826100107	3551826100121	33,20	3,40	12,60	1200	635	1,2457	1200
	600	570	3551826100110	3551826100124	39,10	4,00	14,80	1463	779	1,2339	1200
	800	770	3551826100113	3551826100127	50,00	5,30	19,20	1988	1071	1,2102	1200
1750	400	370	3551826100104	3551826100118	32,90	3,40	12,50	1106	580	1,2646	1000
	500	470	3551826100108	3551826100122	39,90	4,10	15,20	1398	739	1,2489	1200
	600	570	3551826100111	3551826100125	46,90	4,80	17,80	1690	900	1,2331	1200
	800	770	3551826100114	3551826100128	60,90	6,30	00,00	2274	1231	1,2017	1200

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)\*n



# KATIA VX

## WIDE



page **84**

**EUROPEAN**  
WARRANTY

### MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel 15x20 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

#### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. max: 8 bar

Functioning: hot water

T. max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



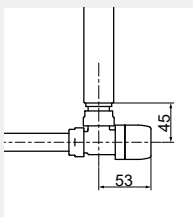
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



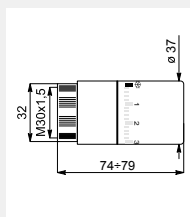
Quotes for square Kristal valves with thermostatic option

### Thermostatic head white



(Kit 2 pieces)

Art. nr. 5035270710016



Thermostatic head quotes

### Kit 2 hooks white R01



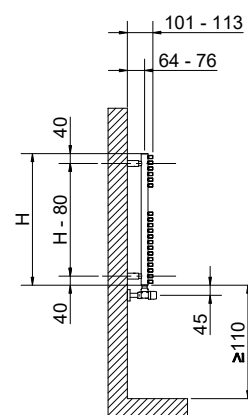
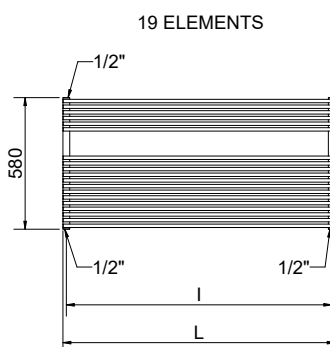
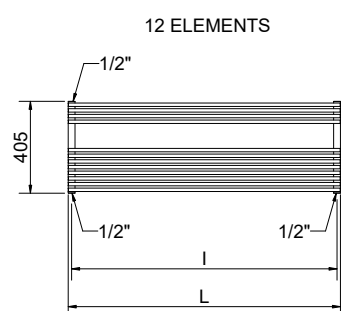
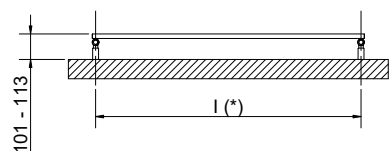
Art. nr. 5991990310391

*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## KATIA VX WIDE

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>405</b>	1200	1170	3551826101201	10,9	1,06	3,3	621	336	1,2029	400
	1400	1370	3551826101203	12,0	1,25	3,8	740	404	1,1852	400
<b>580</b>	1200	1170	3551826101202	11,3	1,21	3,6	960	532	1,1572	700
	1400	1370	3551826101204	13,0	1,29	4,1	1122	603	1,2170	700

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t / 50)^n$



# KELLY 5010



page **86**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  38 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 312)
- ☒ Dual energy (see page 470)
- ☒ Blower (see page 340)
- ☒ Blower dual energy (see page 344)

P. Max: 5 bar

Functioning: hot water

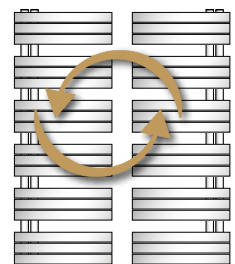
T. Max: 110° C

Connections: n° 2 x 1/2" G - 2 x 1/2" G

## CERTIFICATES



### UPSIDE DOWN



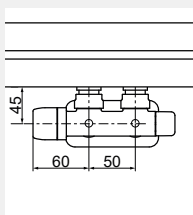
## ACCESSORIES

### Kristal valve square pipe centres 50 mm left white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



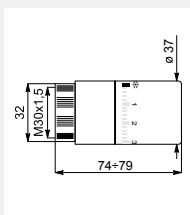
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



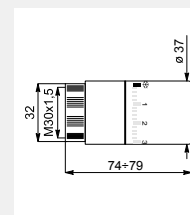
Thermostatic head quotes



### Thermostatic head chromed

(Kit 2 pieces)

Art. nr. 5035270710015

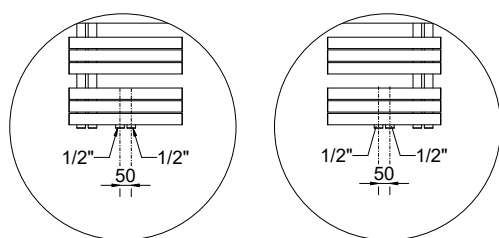
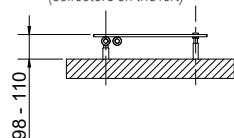


Thermostatic head quotes

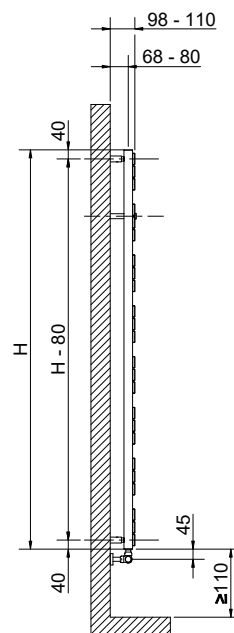
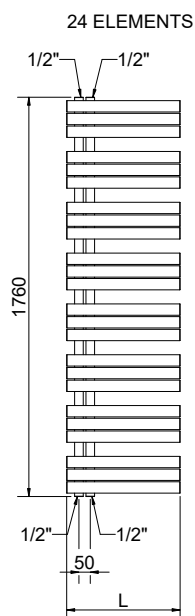
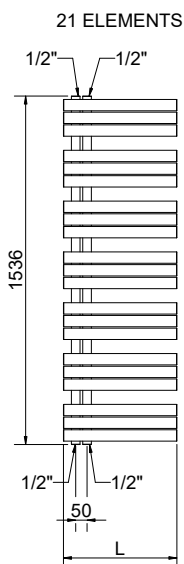
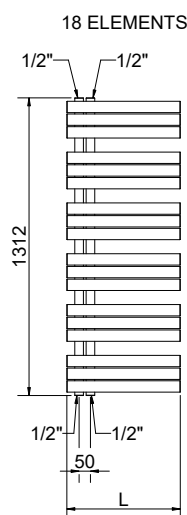
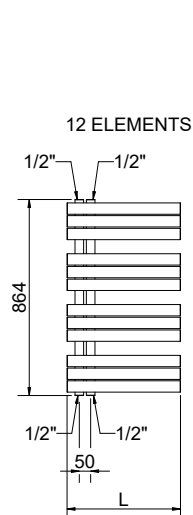
If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

Detail of central connection  
(collectors on the left)Detail of central connection  
(collectors on the right)

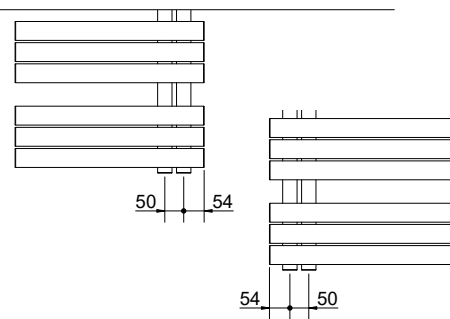
98 - 110



Quotes for Kristal valves

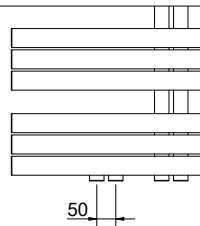
## KELLY 5010

Height [mm]	Width L [mm]	Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]			Dual energy kit [Watt]
						Δt=50°C	Δt=30°C	Exp. n	
864	500	3551726100025	8,5	0,87	3,9	381	204	1,2243	400
	600	3551726100029	9,8	1,01	4,3	443	234	1,2536	400
1312	500	3551726100026	12,7	1,31	5,8	563	300	1,2351	500
	600	3551726100030	14,6	1,51	6,5	637	336	1,2533	600
1536	500	3551726100027	14,9	1,53	6,8	652	341	1,2695	600
	600	3551726100031	17,1	1,77	7,6	742	388	1,2696	700
1760	500	3551726100028	17,0	1,75	7,8	728	378	1,2837	700
	600	3551726100032	19,5	2,02	8,7	875	455	1,2781	900



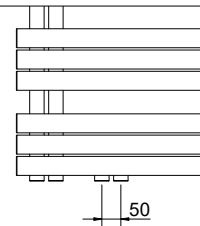
## KELLY 5010 CENTRAL CONNECTION (COLLECTORS ON THE RIGHT)

Height [mm]	Width L [mm]	Art. nr.
864	500	3551726100041
	600	3551726100045
1312	500	3551726100042
	600	3551726100046
1536	500	3551726100043
	600	3551726100047
1760	500	3551726100044
	600	3551726100048



## KELLY 5010 CENTRAL CONNECTION (COLLECTORS ON THE LEFT)

Height [mm]	Width L [mm]	Art. nr.
864	500	3551726100033
	600	3551726100037
1312	500	3551726100034
	600	3551726100038
1536	500	3551726100035
	600	3551726100039
1760	500	3551726100036
	600	3551726100040



Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired ΔT/50)<sup>n</sup>



# SAMIRA



page 94

**EUROPEAN**  
WARRANTY

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel elliptical 50x25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 5 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



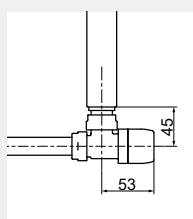
## ACCESSORIES

### Kristal valve square with thermostatic option white R01

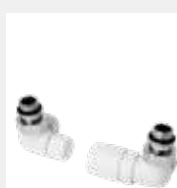


Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



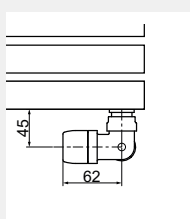
Quotes for square Kristal valves with thermostatic option



### Kristal valve corner with thermostatic option white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311176

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311175



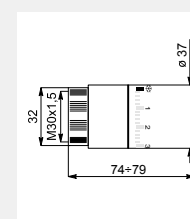
Quotes for corner Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



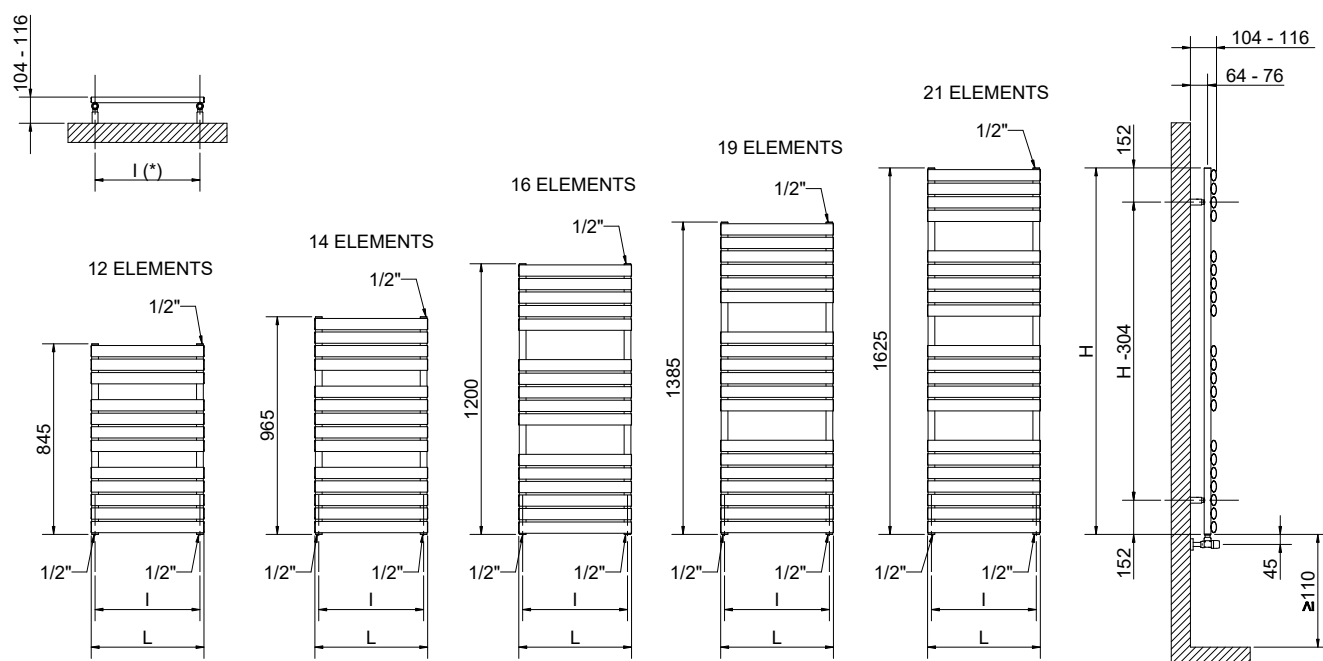
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453





(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## SAMIRA

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>845</b>	400	365	3551626102031	7,62	0,740	5,64	371	200	1,2079	300
	500	465	3551626102032	8,95	0,880	6,82	456	248	1,1938	400
	600	565	3551626102033	10,28	1,030	8,00	541	296	1,1798	500
<b>965</b>	400	365	3551626102034	8,83	0,860	6,56	414	223	1,2070	400
	500	465	3551626102035	10,38	1,030	7,93	507	275	1,1944	500
	600	565	3551626102036	11,93	1,190	9,31	600	328	1,1818	600
<b>1200</b>	400	365	3551626102037	10,29	1,000	7,61	501	271	1,2051	500
	500	465	3551626102038	12,06	1,190	9,18	609	331	1,1954	600
	600	565	3551626102039	13,83	1,380	10,75	718	392	1,1856	700
<b>1385</b>	400	365	3551626102040	11,95	1,170	8,99	571	308	1,2081	600
	500	465	3551626102041	14,22	1,410	10,85	693	378	1,1889	700
	600	565	3551626102042	16,09	1,610	12,72	815	444	1,1897	700
<b>1625</b>	400	365	3551626102043	13,40	1,310	10,04	667	359	1,2119	700
	500	465	3551626102044	15,69	1,550	12,10	808	437	1,2034	700
	600	565	3551626102045	17,98	1,790	14,17	949	536	1,1195	900

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t/50)^n$



# SAMIRA WIDE



page 96

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel elliptical 50x25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 5 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



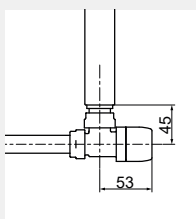
## ACCESSORIES

### Kristal valve square with thermostatic option white R01

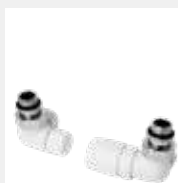


Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



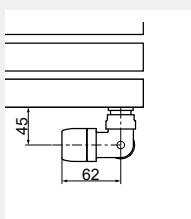
Quotes for square Kristal valves with thermostatic option



### Kristal valve corner with thermostatic option white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311176

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311175



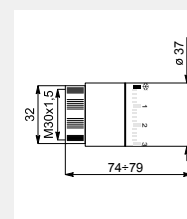
Quotes for corner Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016

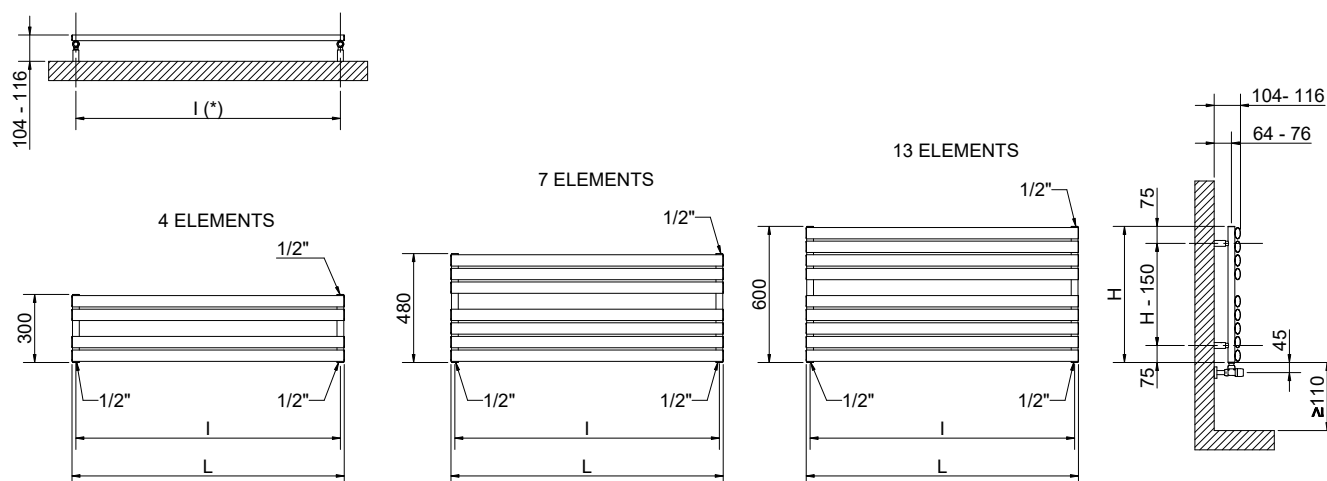


Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## SAMIRA WIDE

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>300</b>	1000	970	3601626100100	5,30	0,54	4,26	299	164	1,1718	-
	1200	1170	3601626100101	6,20	0,63	5,00	358	197	1,1718	-
	1400	1370	3601626100102	7,10	0,72	5,80	418	230	1,1718	-
<b>480</b>	1000	970	3601626100103	9,10	0,93	7,40	507	276	1,1899	500
	1200	1170	3601626100104	10,70	1,10	8,80	608	331	1,1899	500
	1400	1370	3601626100105	12,20	1,26	10,20	710	387	1,1899	500
<b>600</b>	1000	970	3601626100106	11,70	1,20	9,50	637	345	1,2006	600
	1200	1170	3601626100107	13,70	1,40	11,27	764	414	1,2006	700
	1400	1370	3601626100108	15,70	1,60	13,00	892	483	1,2006	700

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t / 50)^n$



# FEDERICA

NEW

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  38 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  38 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



UPSIDE DOWN



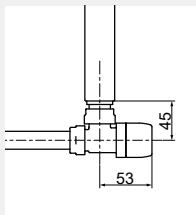
## ACCESSORIES

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160



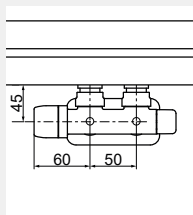
Quotes for square Kristal valves with thermostatic option



### Kristal valve square pipe centres 50 mm left white R01

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311188

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311187



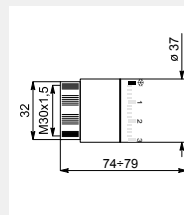
Quotes for square Kristal valves with thermostatic option



### Thermostatic head white

(Kit 2 pieces)

Art. nr. 5035270710016



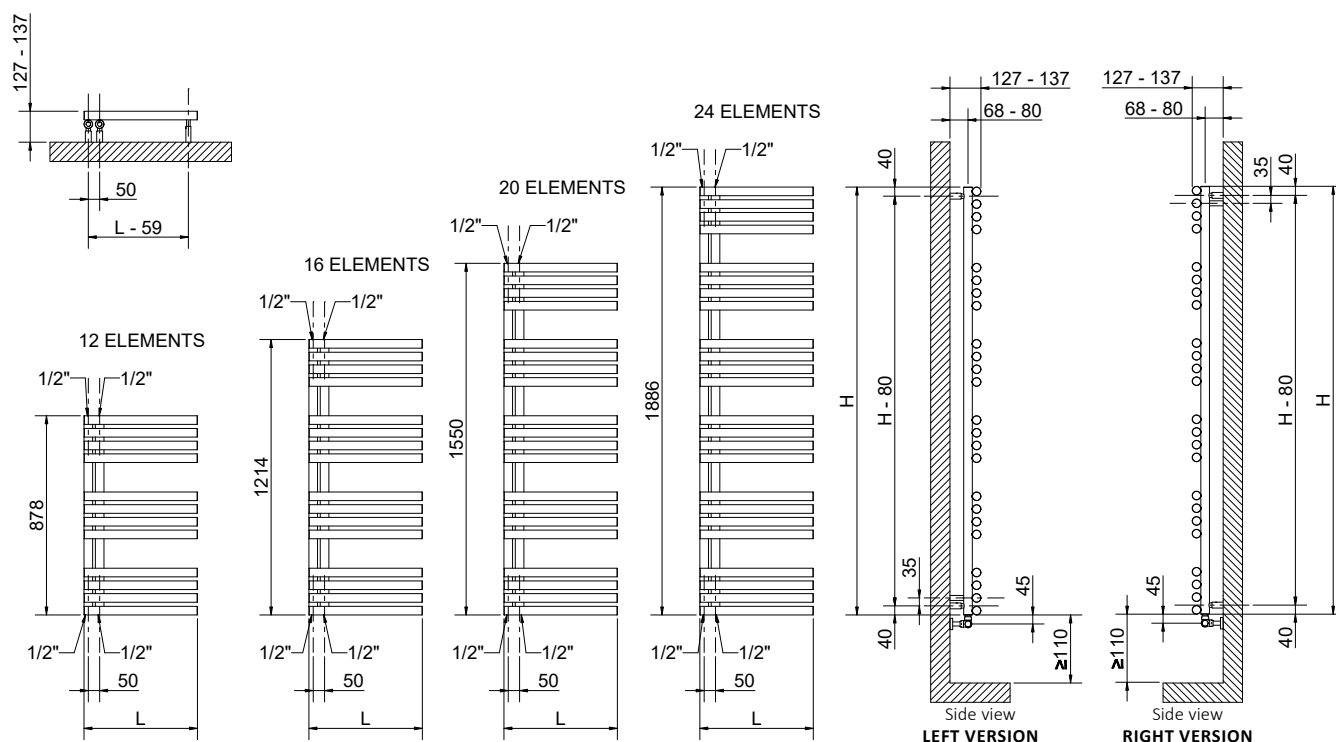
Thermostatic head quotes

If ordered separately from the radiator, the accessories are available in standard white only

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453





Quotes for Kristal valves

## FEDERICA

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>878</b>	500	50	3551726100050	9,9	0,926	7,3	444	238	1,2198	400
	600	50	3551726100051	11,4	1,069	8,5	523	280	1,2204	500
<b>1214</b>	500	50	3551726100052	13,2	1,245	10,2	599	325	1,1963	600
	600	50	3551726100053	15	1,436	11,4	680	366	1,2137	700
<b>1550</b>	500	50	3551726100054	16,4	1,564	12,6	732	390	1,2344	700
	600	50	3551726100055	18,7	1,803	15	851	460	1,2040	700
<b>1886</b>	500	50	3551726100056	19,7	1,883	15,1	900	474	1,2551	900
	600	50	3551726100057	22,2	2,169	17,5	1041	557	1,2249	1000

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# ARDESIA<sup>®</sup> ELECTRIC



page 24

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes  $\varnothing$  25 mm.
- Heat transfer fluid.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## FIXING KIT:

Universal rapid safety kit and user notice included.

The kit is certified from TÜV in compliance with VDI 6036 - class 3.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

Radiator and accessories: available only in standard white colour RAL 9010-R01.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Class protection: CLASS 2

Minimum ingress protection: IP 22

Wire lenght: 1200 mm with Schuko plug

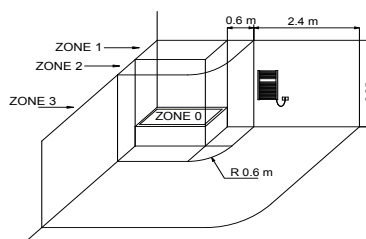
Power supply: 230Vac 50Hz

Seasonal energy efficiency  $\eta_s$ : 39%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED

### Universal rapid safety kit



Pair of wall ties fixing kit  
colour white

## ACCESSORIES

### Kit 2 hooks



WHITE  
Art. nr. 5991990310375  
CHROMED  
Art. nr. 5991990310376

*If ordered separately from the radiator, the accessories are available in standard white only*

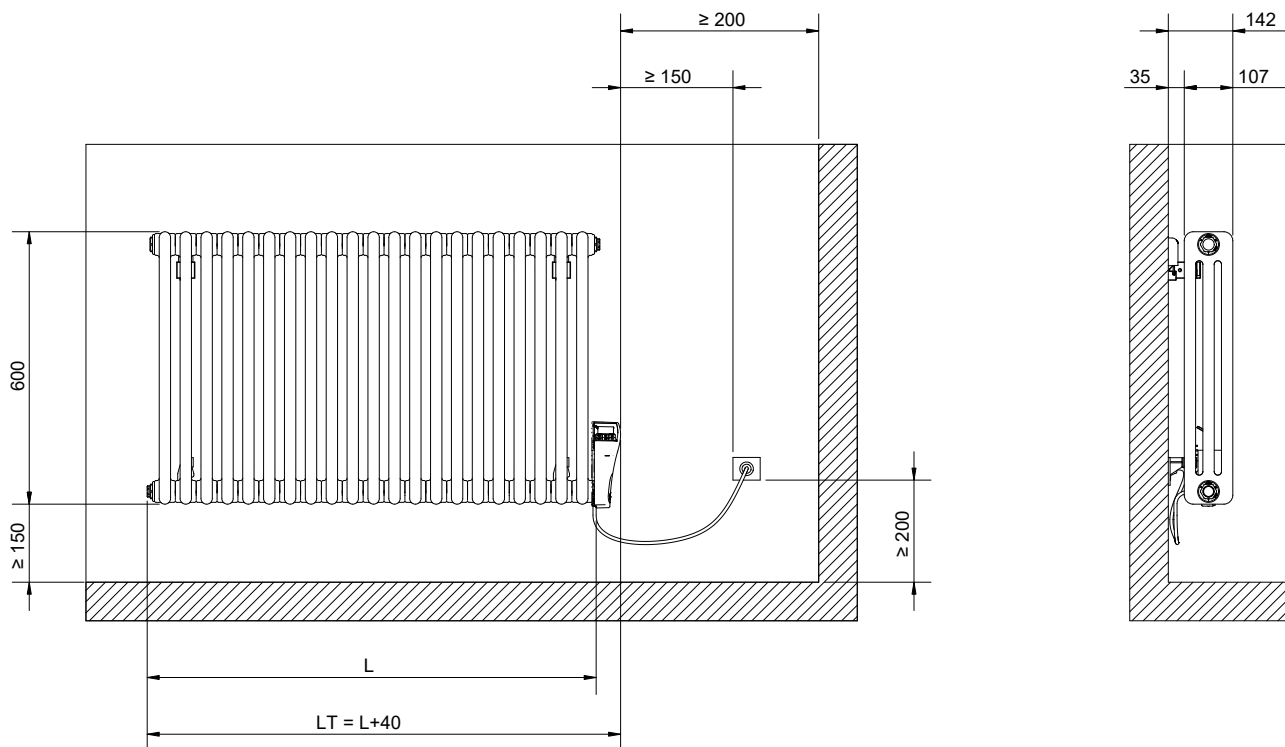
### Infrared remote control



Remote control of digital chrono-thermostat functioning.  
Art. nr. 5150990000002

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



## ARDESIA®ELECTRIC

Height [mm]	Width L [mm]	N° Elements	N° Columns	Art. nr.	Output [Watt]	Weight [kg]
600	338	7	3	3586706100001	400	16
	384	8	3	3586706100002	500	18
	568	12	3	3586706100003	750	27
	614	13	3	3586706100004	900	30
	706	15	3	3586706100005	1000	34
	798	17	3	3586706100006	1200	39
	982	21	3	3586706100007	1500	48
	1120	24	3	3586706100008	2000	55

Art. nr. are referred to colour WHITE R01

## PROGRAMMABLE DIGITAL THERMOSTAT WITH DAILY AND WEEKLY FUNCTION

### Comfort Mode:

Main function used to maintain the comfort temperature

### Night mode:

Function to maintain an appropriate temperature at night

### Antifreeze mode:

Function that ensures the antifreeze protection of the radiator when the ambient temperature falls below 7 °C

### Chrono Mode:

Functioning according to an operating program set by the user

### ECO mode:

Energy saving function that lowers the temperature of all the settings of the radiator by 3 °C

### Vacation mode:

Function that excludes all the programming and user settings, except the anti-freeze

safety, for a period of time set by the user

### Child safety and key lock:

Function that protects the appliance from improper or involuntary actions and settings

### ASC adaptive self-learning system:

According to an adaptive self-learning algorithm, this function provides for reaching the desired room temperature at the times set by the user.

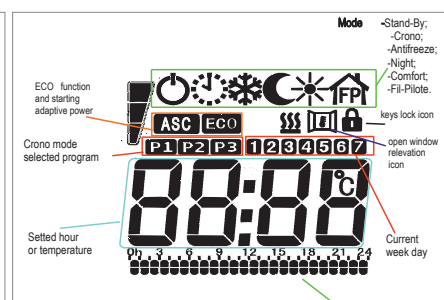
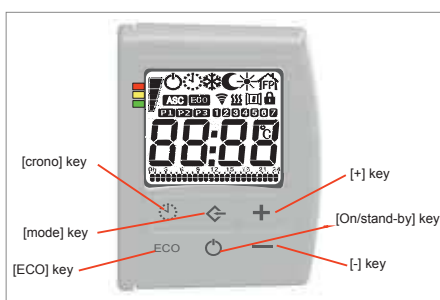
### Open window detection system:

Function that provides for the deactivation of the radiator, for a maximum of 30 minutes, if the opening of a window in the room is detected

### Consumption indicator

The consumption indicator indicates the electric absorption level and therefore the consumption of the appliance, helping the user to define the ideal operating mode of the radiator in an energy saving perspective.

CLASS PROTECTION	Class II
MIN. INGRESS PROTECTION	IP22
THERMOSTAT COLOUR	White
WIRE COLOUR	White
RANGE OF SETTABLE TEMPERATURES	7 ÷ 32 °C
POWER SUPPLY	230 Vac - 50Hz
WIRE LENGHT:	900 mm with Schuko plug





# CLAUDIA<sup>®</sup> ELECTRIC



page 42

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel ø 25 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug (with WiFi or ECO digital thermostat)

Wire lenght: 800 mm with Schuko plug (with PLUS digital thermostat)

Power supply: 230Vac 50Hz (with WiFi or PLUS digital thermostat)

Power supply: 230Vac 50/60Hz (with ECO digital thermostat)

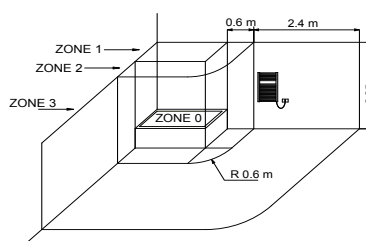
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (with PLUS or ECO digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

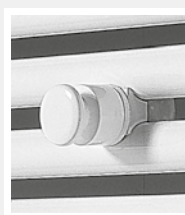
## INCLUDED



**Remote control of PLUS  
digital chrono-thermostat**

Remote control of PLUS  
digital chrono-thermostat  
functioning

## ACCESSORIES



**Kit 2 hooks  
white R01**

Art. nr. 5991990310028

*If ordered separately from the radiator, the accessories are  
available in standard white only*



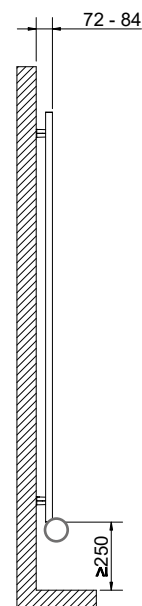
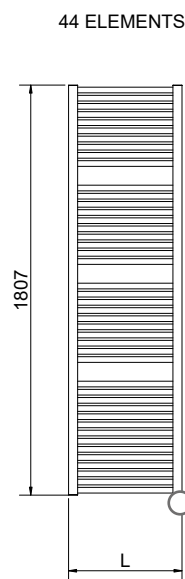
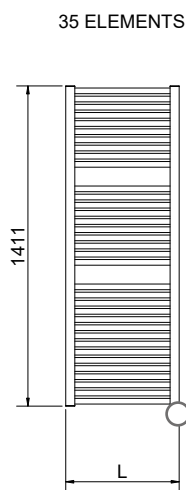
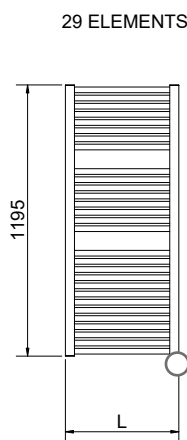
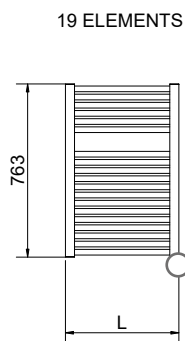
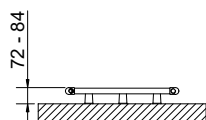
**Towel bar painted mild  
steel white R01**

Width	Art. nr.	Available on width
276 mm	5991990310047	≥ 400 mm
368 mm	5991990310029	≥ 500 mm
460 mm	5991990310034	≥ 600 mm

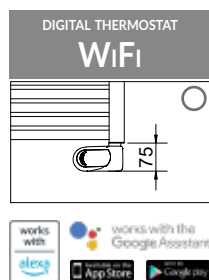
*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*





○ The general footprint has to be calculated considering the thermostat height

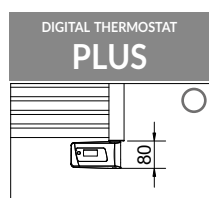


## CLAUDIA® ELECTRIC WIFI

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [kg]
<b>763</b>	400	3581356100176	400	11
	500	3581356100180	400	13
<b>1195</b>	400	3581356100177	600	16
	450	3581356100179	600	18
	500	3581356100181	700	20
<b>1411</b>	400	3581356100178	700	19
	500	3581356100182	900	23
<b>1807</b>	500	3581356100183	900	29
	600	3581356100184	1200	34

Technical specification of WiFi digital thermostat see page 473

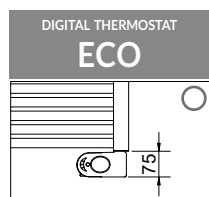
PRODUCT AVAILABLE FROM APRIL 2022



## CLAUDIA® ELECTRIC PLUS (remote control included)

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [kg]
<b>763</b>	400	3581356100166	400	11
	500	3581356100160	400	13
<b>1195</b>	400	3581356100167	600	16
	450	3581356100161	600	18
	500	3581356100162	700	20
<b>1411</b>	400	3581356100168	700	19
	500	3581356100163	900	23
<b>1807</b>	500	3581356100164	900	29
	600	3581356100165	1200	34

Technical specification of PLUS digital thermostat see page 473



## CLAUDIA® ELECTRIC ECO

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [kg]
<b>763</b>	400	3581356100097	400	11
	500	3581356100091	400	13
<b>1195</b>	400	3581356100098	600	16
	450	3581356100092	600	18
	500	3581356100093	700	20
<b>1411</b>	400	3581356100099	700	19
	500	3581356100094	900	23
<b>1807</b>	500	3581356100095	900	29
	600	3581356100096	1200	34

Technical specification of ECO digital thermostat see page 473

Art. nr. are referred to colour WHITE R01



# LUCY 18 ELECTRIC



page **58**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  18 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug (with WiFi or ECO digital thermostat)

Wire lenght: 800 mm with Schuko plug (with PLUS digital thermostat)

Power supply: 230Vac 50Hz (with WiFi or PLUS digital thermostat)

Power supply: 230Vac 50/60Hz (with ECO digital thermostat)

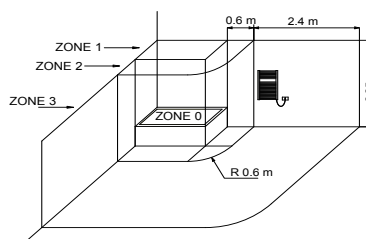
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (with PLUS or ECO digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED



**Remote control of PLUS  
digital chrono-thermostat**

Remote control of PLUS  
digital chrono-thermostat  
functioning

## ACCESSORIES



**Kit 2 hooks  
white R01**

Art. nr. 5991990310388



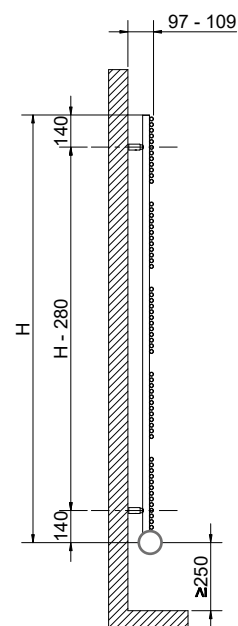
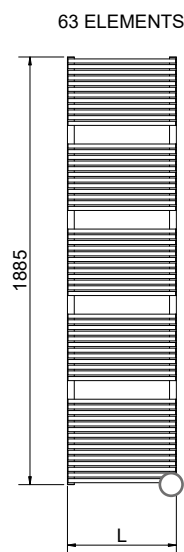
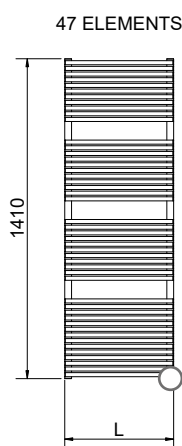
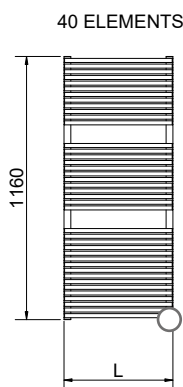
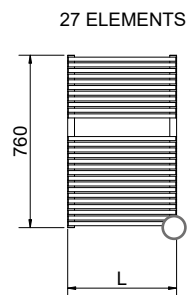
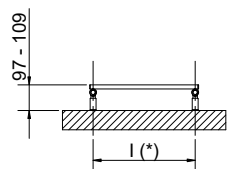
**Towel bar painted mild  
steel white R01**

Art. nr. 5991990331126

*If ordered separately from the radiator, the accessories are available in standard white only*

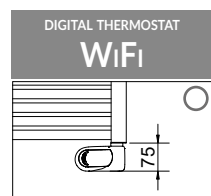
*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*



(\*) Pipe center (l) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



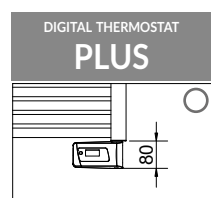
## LUCY 18 ELECTRIC WIFI

NEW

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>760</b>	480	450	3581406100248	500	14
<b>1160</b>	480	450	3581406100249	700	22
<b>1410</b>	480	450	3581406100250	900	26
<b>1885</b>	480	450	3581406100251	1200	30

Technical specification of WiFi digital thermostat see page 473

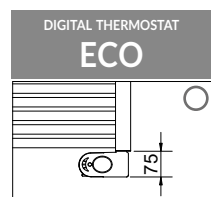
PRODUCT AVAILABLE FROM APRIL 2022



## LUCY 18 ELECTRIC PLUS (remote control included)

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>760</b>	480	450	3581406100240	500	14
<b>1160</b>	480	450	3581406100241	700	22
<b>1410</b>	480	450	3581406100242	900	26
<b>1885</b>	480	450	3581406100243	1200	30

Technical specification of PLUS digital thermostat see page 473



## LUCY 18 ELECTRIC ECO

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>760</b>	480	450	3581406100230	500	14
<b>1160</b>	480	450	3581406100231	700	22
<b>1410</b>	480	450	3581406100232	900	26
<b>1885</b>	480	450	3581406100233	1200	30

Technical specification of ECO digital thermostat see page 473

Art. nr. are referred to colour WHITE R01



# GLORIA 22<sup>ELECTRIC</sup>



page 70

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug (with WiFi or ECO digital thermostat)

Wire lenght: 800 mm with Schuko plug (with PLUS digital thermostat)

Power supply: 230Vac 50Hz (with WiFi or PLUS digital thermostat)

Power supply: 230Vac 50/60Hz (with ECO digital thermostat)

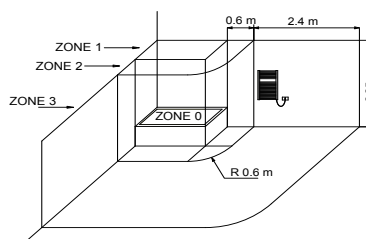
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (with PLUS or ECO digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

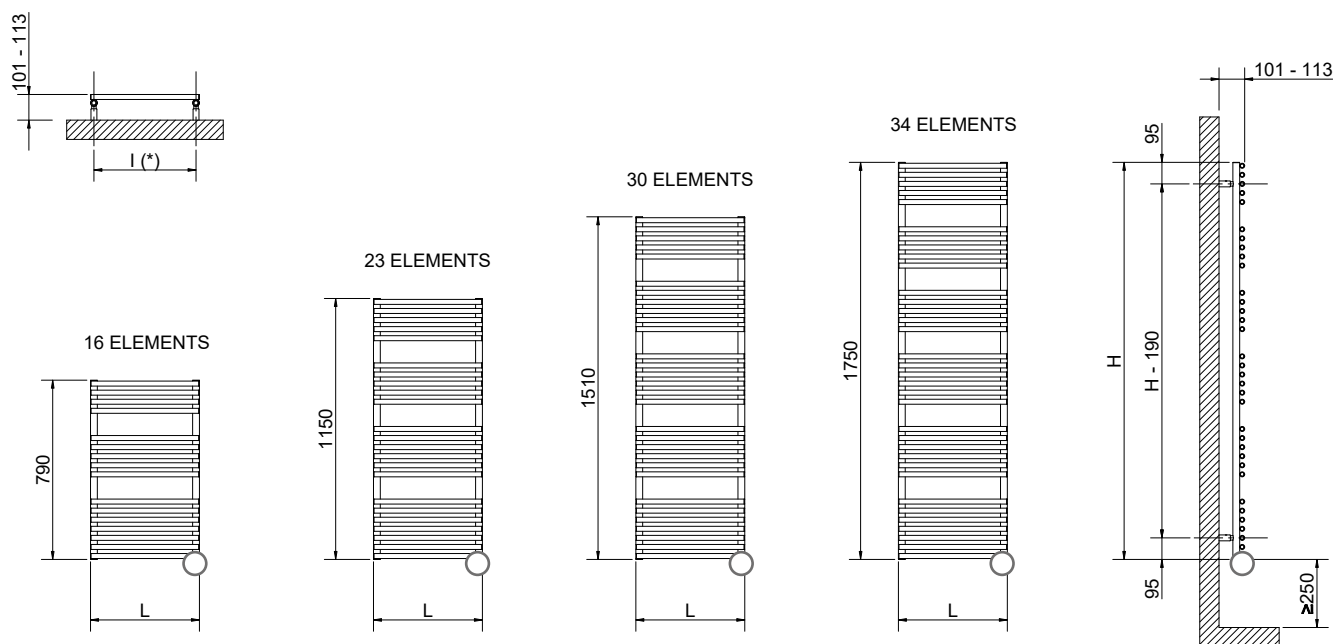
## INCLUDED



**Remote control of PLUS  
digital chrono-thermostat**

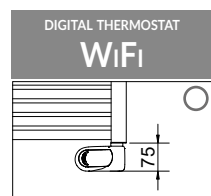
Remote control of PLUS  
digital chrono-thermostat  
functioning





(\*) Pipe center (I) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



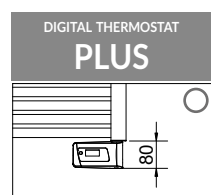
## GLORIA 22 ELECTRIC WIFI

NEW

Height [mm]	Width L [mm]	Fixing kit center distance I (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>790</b>	430	400	3581666100036	400	10
<b>1150</b>	580	550	3581666100037	700	17
<b>1500</b>	580	550	3581666100038	900	22
<b>1750</b>	580	550	3581666100039	1200	25

Technical specification of WiFi digital thermostat see page 473

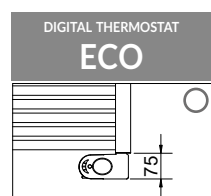
PRODUCT AVAILABLE FROM APRIL 2022



## GLORIA 22 ELECTRIC PLUS (remote control included)

Height [mm]	Width L [mm]	Fixing kit center distance I (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>790</b>	430	400	3581666100040	400	10
<b>1150</b>	580	550	3581666100041	700	17
<b>1500</b>	580	550	3581666100042	900	22
<b>1750</b>	580	550	3581666100043	1200	25

Technical specification of PLUS digital thermostat see page 473



## GLORIA 22 ELECTRIC ECO

Height [mm]	Width L [mm]	Fixing kit center distance I (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>790</b>	430	400	3581666100011	400	10
<b>1150</b>	580	550	3581666100012	700	17
<b>1500</b>	580	550	3581666100013	900	22
<b>1750</b>	580	550	3581666100014	1200	25

Technical specification of ECO digital thermostat see page 473

Art. nr. are referred to colour WHITE R01



# GLORIA 22 CHROMED ELECTRIC



page 71

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in chromed mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in chromed mild steel  $\varnothing$  22 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## FINISHING:

CHROMED (PLATED IN ITALY).

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With ECO digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug

Power supply: 230Vac 50Hz (with WiFi digital thermostat)

Power supply: 230Vac 50/60Hz (with ECO digital thermostat)

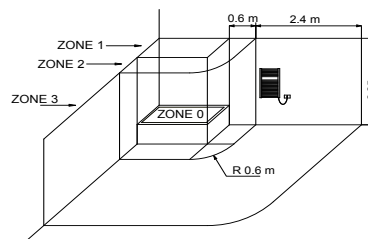
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (with ECO digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS

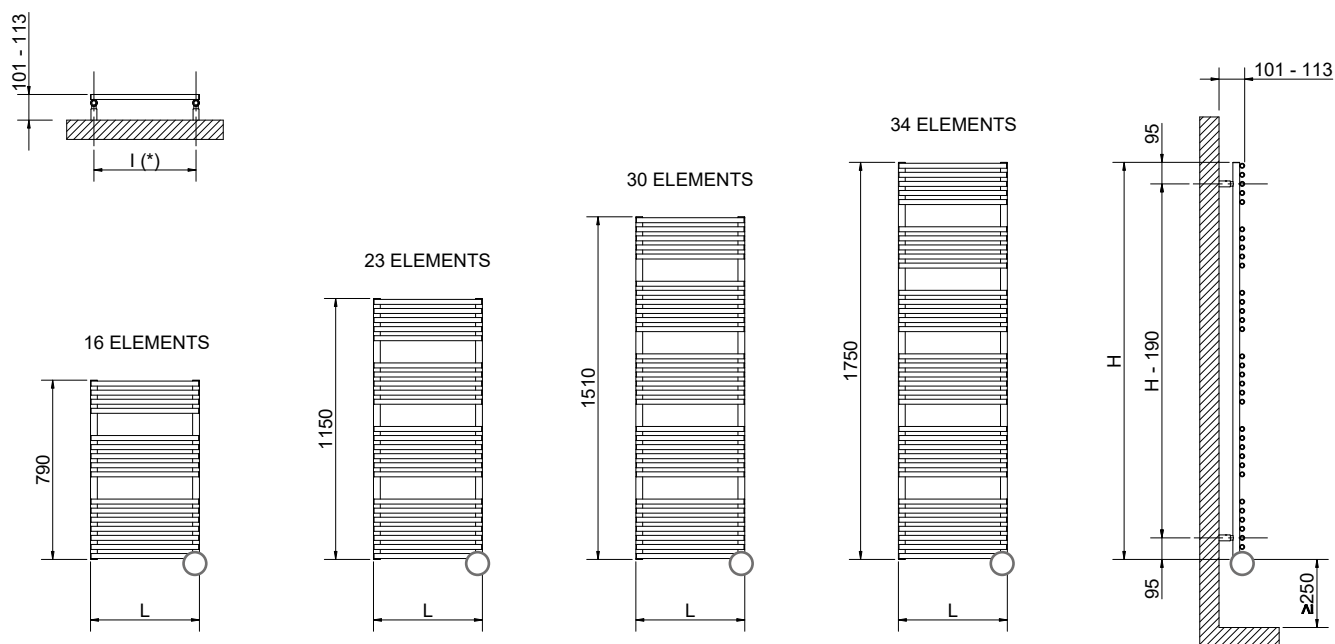


The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

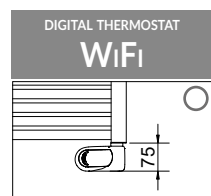


All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.



(\*) Pipe center (l) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



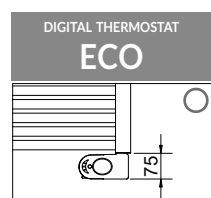
## GLORIA 22 CHROMED ELECTRIC WIFI

NEW

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>790</b>	430	400	3581666110015	300	10
<b>1150</b>	580	550	3581666110016	600	17
<b>1500</b>	580	550	3581666110017	700	22
<b>1750</b>	580	550	3581666110018	900	25

Technical specification of WiFi digital thermostat see page 473

PRODUCT AVAILABLE FROM APRIL 2022



## GLORIA 22 CHROMED ELECTRIC ECO

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>790</b>	430	400	3581666110011	300	10
<b>1150</b>	580	550	3581666110012	600	17
<b>1500</b>	580	550	3581666110013	700	22
<b>1750</b>	580	550	3581666110014	900	25

Technical specification of ECO digital thermostat see page 473

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# DORY ELECTRIC



page 78

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug (with WiFi or ECO digital thermostat)

Wire lenght: 800 mm with Schuko plug (with PLUS digital thermostat)

Power supply: 230Vac 50Hz (with WiFi or PLUS digital thermostat)

Power supply: 230Vac 50/60Hz (with ECO digital thermostat)

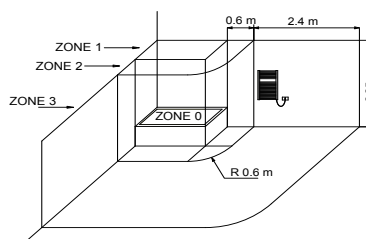
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (with PLUS or ECO digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED



**Remote control of PLUS  
digital chrono-thermostat**

Remote control of PLUS  
digital chrono-thermostat  
functioning

## ACCESSORIES



**Kit 2 hooks  
white R01**

Art. nr. 5991990310389



**Towel bar painted mild  
steel white R01**

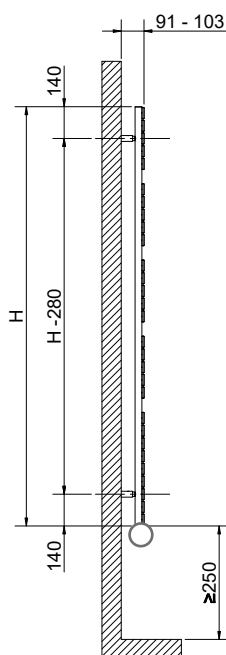
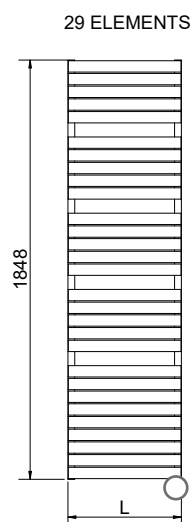
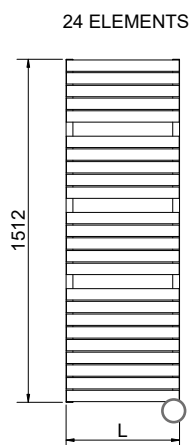
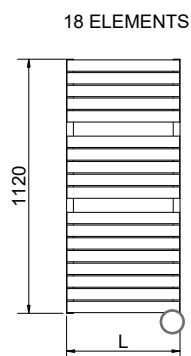
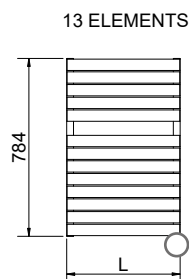
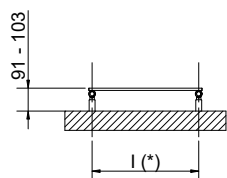
Art. nr. 5991990331127

*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

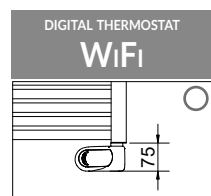
*Accessories and spare parts - see from page 453*





(\*) Pipe center (l) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



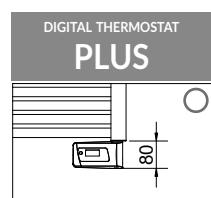
## DORY ELECTRIC WIFI

NEW

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>784</b>	500	470	3581426100329	500	15
<b>1120</b>	500	470	3581426100330	700	21
<b>1512</b>	500	470	3581426100331	900	28
<b>1848</b>	600	570	3581426100332	1200	38

Technical specification of WiFi digital thermostat see page 473

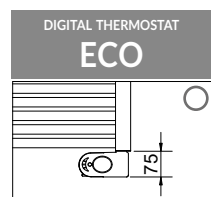
PRODUCT AVAILABLE FROM APRIL 2022



## DORY ELECTRIC PLUS (remote control included)

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>784</b>	500	470	3581426100640	500	15
<b>1120</b>	500	470	3581426100641	700	21
<b>1512</b>	500	470	3581426100642	900	28
<b>1848</b>	600	570	3581426100643	1200	38

Technical specification of PLUS digital thermostat see page 473



## DORY ELECTRIC ECO

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Thermal output [Watt]	Weight [Kg]
<b>784</b>	500	470	3581426100301	500	15
<b>1120</b>	500	470	3581426100302	700	21
<b>1512</b>	500	470	3581426100303	900	28
<b>1848</b>	600	570	3581426100304	1200	38

Technical specification of ECO digital thermostat see page 473

Art. nr. are referred to colour WHITE R01



# KELLY 5010 DX<sub>ELECTRIC</sub>



page **88**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  38 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug (with WiFi or ECO digital thermostat)

Wire lenght: 800 mm with Schuko plug (with PLUS digital thermostat)

Power supply: 230Vac 50Hz (with WiFi or PLUS digital thermostat)

Power supply: 230Vac 50/60Hz (with ECO digital thermostat)

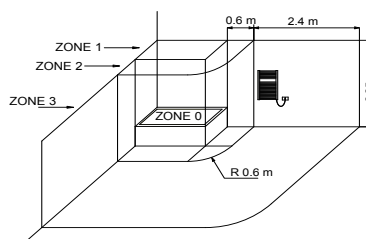
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (with PLUS or ECO digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



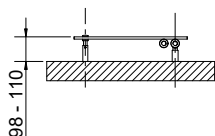
All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED

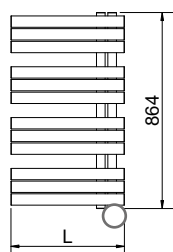


**Remote control of PLUS  
digital chrono-thermostat**

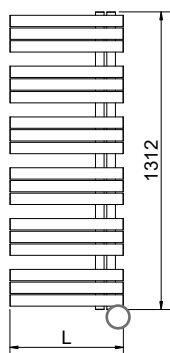
Remote control of PLUS  
digital chrono-thermostat  
functioning



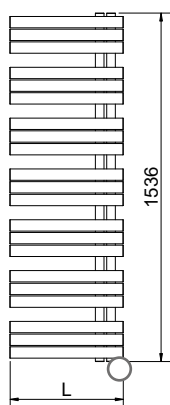
12 ELEMENTS



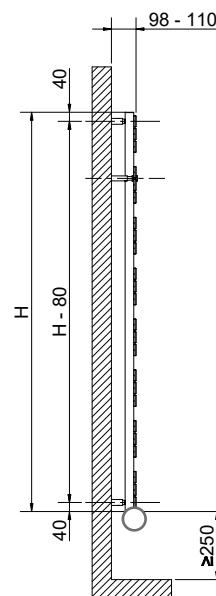
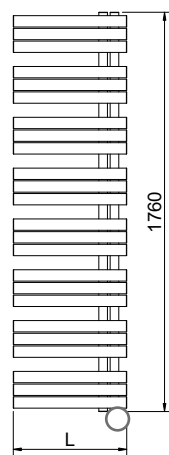
18 ELEMENTS



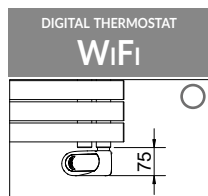
21 ELEMENTS



24 ELEMENTS



○ The general footprint has to be calculated considering the thermostat height



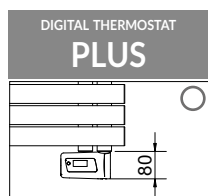
## KELLY 5010 DX ELECTRIC WIFI

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
<b>864</b>	500	3581726100222	500	13
	600	3581726100223	600	15
<b>1312</b>	500	3581726100224	700	19
<b>1536</b>	500	3581726100226	900	23
<b>1760</b>	600	3581726100229	1200	26

Technical specification of WiFi digital thermostat see page 473

PRODUCT AVAILABLE FROM APRIL 2022

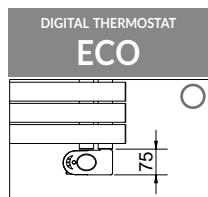
NEW



## KELLY 5010 DX ELECTRIC PLUS (remote control included)

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
<b>864</b>	500	3581726100190	500	13
	600	3581726100191	600	15
<b>1312</b>	500	3581726100192	700	19
<b>1536</b>	500	3581726100194	900	23
<b>1760</b>	600	3581726100197	1200	26

Technical specification of PLUS digital thermostat see page 473



## KELLY 5010 DX ELECTRIC ECO

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [Kg]
<b>864</b>	500	3581726100171	500	13
	600	3581726100172	600	15
<b>1312</b>	500	3581726100173	700	19
<b>1536</b>	500	3581726100175	900	23
<b>1760</b>	600	3581726100178	1200	26

Technical specification of ECO digital thermostat see page 473

Art. nr. are referred to colour WHITE R01



# KELLY 5010 SX<sub>ELECTRIC</sub>



page **88**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  38 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug (with WiFi or ECO digital thermostat)

Wire lenght: 800 mm with Schuko plug (with PLUS digital thermostat)

Power supply: 230Vac 50Hz (with WiFi or PLUS digital thermostat)

Power supply: 230Vac 50/60Hz (with ECO digital thermostat)

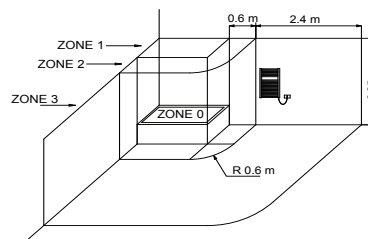
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (with PLUS or ECO digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

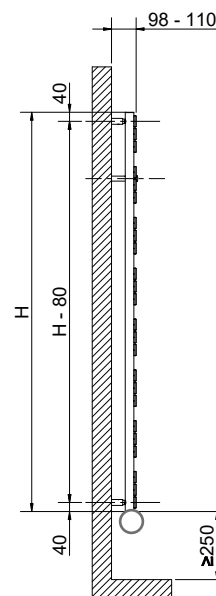
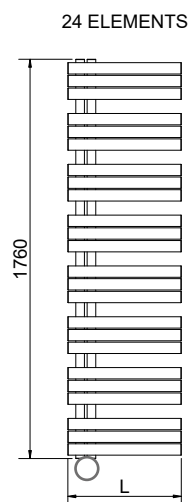
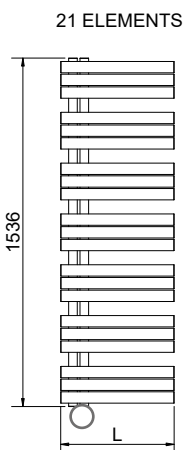
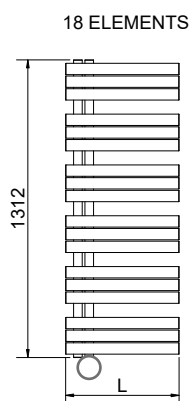
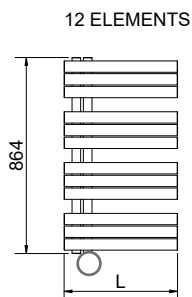
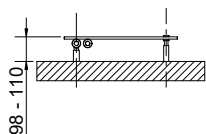
## INCLUDED



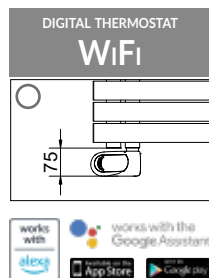
**Remote control of PLUS  
digital chrono-thermostat**

Remote control of PLUS  
digital chrono-thermostat  
functioning





○ The general footprint has to be calculated considering the thermostat height



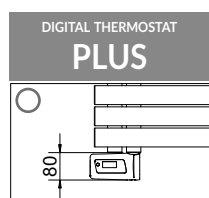
## KELLY 5010 SX ELECTRIC WIFI

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [kg]
<b>864</b>	500	3581726100230	500	13
	600	3581726100231	600	15
<b>1312</b>	500	3581726100232	700	19
<b>1536</b>	500	3581726100234	900	23
<b>1760</b>	600	3581726100237	1200	26

Technical specification of WiFi digital thermostat see page 473

PRODUCT AVAILABLE FROM APRIL 2022

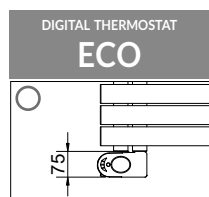
NEW



## KELLY 5010 SX ELECTRIC PLUS (remote control included)

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [kg]
<b>864</b>	500	3581726100198	500	13
	600	3581726100199	600	15
<b>1312</b>	500	3581726100200	700	19
<b>1536</b>	500	3581726100202	900	23
<b>1760</b>	600	3581726100205	1200	26

Technical specification of PLUS digital thermostat see page 473



## KELLY 5010 SX ELECTRIC ECO

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	Weight [kg]
<b>864</b>	500	3581726100181	500	13
	600	3581726100182	600	15
<b>1312</b>	500	3581726100183	700	19
<b>1536</b>	500	3581726100185	900	23
<b>1760</b>	600	3581726100188	1200	26

Technical specification of ECO digital thermostat see page 473

Art. nr. are referred to colour WHITE R01



# ELEN 18 ELECTRIC POLISHED STAINLESS STEEL



page **106**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  18 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With TOP digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug

Power supply: 230Vac 50Hz (with WiFi digital thermostat)

Power supply: 230Vac 50/60Hz (With TOP digital thermostat)

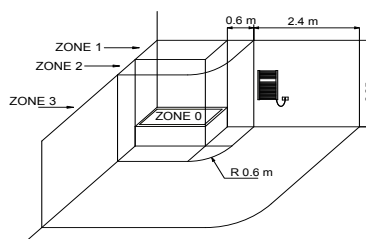
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (With TOP digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED



**Remote control of TOP  
digital chrono-thermostat**

Remote control of TOP  
digital chrono-thermostat  
functioning

## ACCESSORIES



**Kit 2 hooks-polished  
stainless steel**

Art. nr. 5991990010216

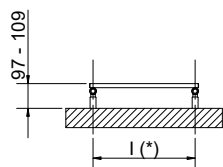


**Towel bar-polished  
stainless steel**

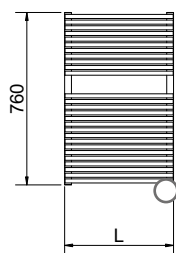
width 440 mm

Art. nr. 5991990010221

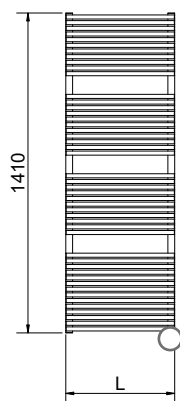
Accessories and spare parts - see from page 453



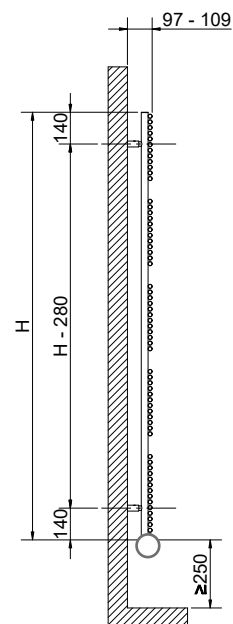
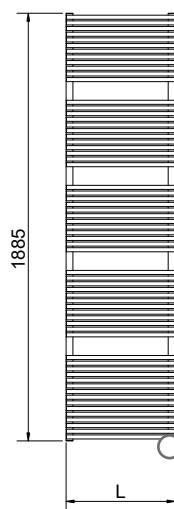
27 ELEMENTS



47 ELEMENTS

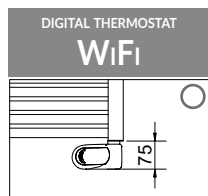


63 ELEMENTS



(\*) Pipe center (l) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



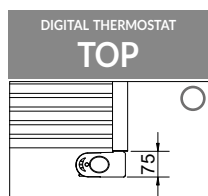
## ELEN 18 ELECTRIC WIFI - POLISHED STAINLESS STEEL

NEW

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>760</b>	480	450	3581440400053	300	14,0
<b>1410</b>	480	450	3581440400054	500	24,0
<b>1885</b>	530	500	3581440400055	700	32,0

Technical specification of WiFi digital thermostat see page 473

PRODUCT AVAILABLE FROM APRIL 2022



## ELEN 18 ELECTRIC TOP (remote control included) - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>760</b>	480	450	3581440400050	300	14,0
<b>1410</b>	480	450	3581440400051	500	24,0
<b>1885</b>	530	500	3581440400052	700	32,0

Informazioni e technical characteristics del termostato TOP See page 473

Art. nr. are referred to colour WHITE R01



# SANDY<sup>ELECTRIC</sup> POLISHED STAINLESS STEEL



page **111**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  38 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  25 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With WiFi digital thermostat
- ☒ With TOP digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug

Power supply: 230Vac 50Hz (with WiFi digital thermostat)

Power supply: 230Vac 50/60Hz (With TOP digital thermostat)

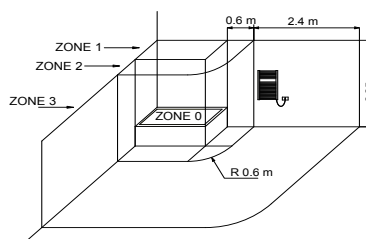
Seasonal energy efficiency  $\eta_s$ : 39% (with WiFi digital thermostat)

Seasonal energy efficiency  $\eta_s$ : 38% (With TOP digital thermostat)

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED



**Remote control of TOP  
digital chrono-thermostat**

Remote control of TOP  
digital chrono-thermostat  
functioning

## ACCESSORIES



**Kit 2 hooks-polished  
stainless steel**

Art. nr. 5991990010215



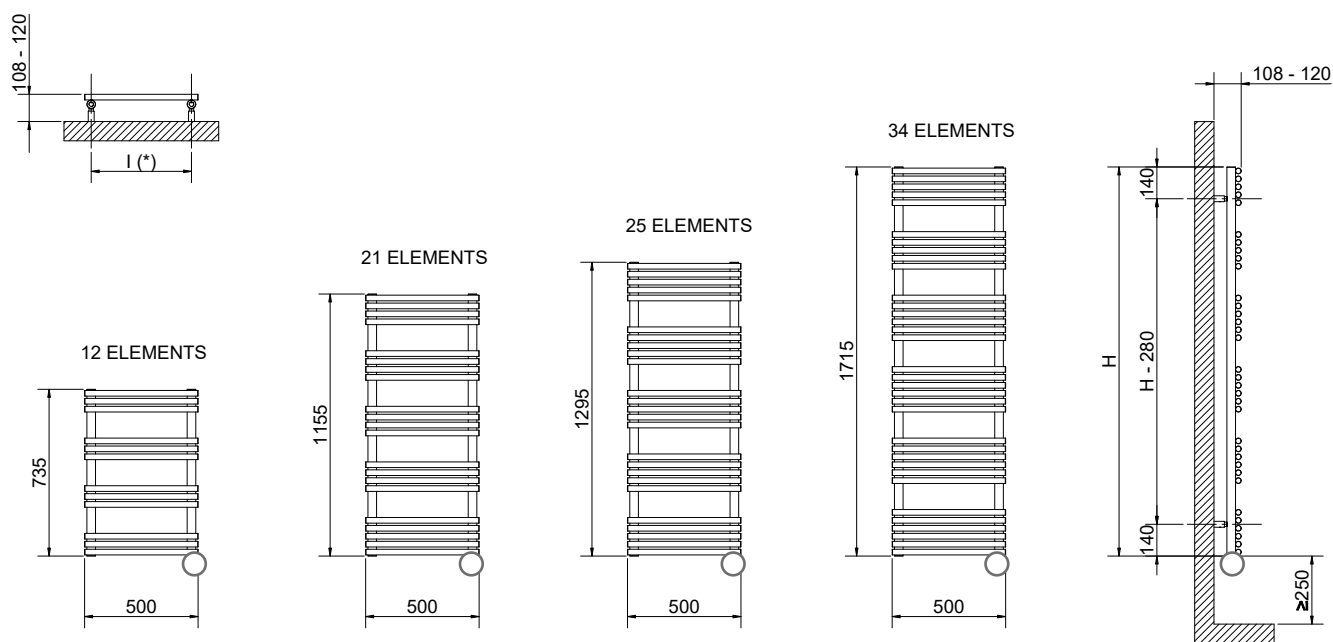
**Towel bar-polished  
stainless steel**

width 350 mm

Art. nr. 5991990010220

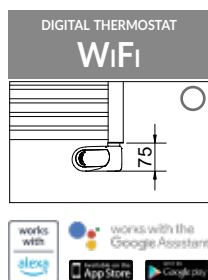
Accessories and spare parts - see from page 453





(\*) Pipe center (I) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



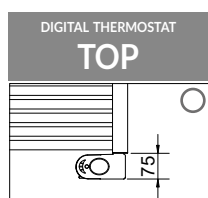
### SANDY ELECTRIC WIFI - POLISHED STAINLESS STEEL

NEW

Height [mm]	Width L [mm]	Fixing kit center distance I (*)	Art. nr.	Output [Watt]	Weight [kg]
<b>735</b>	500	462	3581440402026	300	11,0
<b>1155</b>	500	462	3581440402027	400	18,0
<b>1295</b>	500	462	3581440402028	600	21,0
<b>1715</b>	500	462	3581440402029	700	28,0

Technical specification of WiFi digital thermostat see page 473

PRODUCT AVAILABLE FROM APRIL 2022



### SANDY ELECTRIC TOP (remote control included) - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance I (*)	Art. nr.	Output [Watt]	Weight [kg]
<b>735</b>	500	462	3581440402012	300	11,0
<b>1155</b>	500	462	3581440402013	400	18,0
<b>1295</b>	500	462	3581440402014	600	21,0
<b>1715</b>	500	462	3581440402015	700	28,0

Technical specification of TOP digital thermostat see page 473

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# LEILA ELECTRIC POLISHED STAINLESS STEEL



page **113**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  18 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With TOP digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug

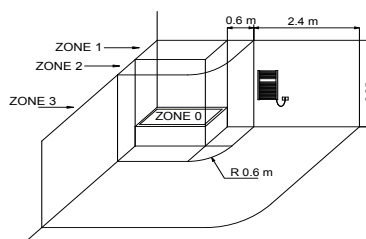
Power supply: 230Vac 50/60Hz

Seasonal energy efficiency  $\eta_s$ : 38%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED



**Remote control of TOP  
digital chrono-thermostat**

Remote control of TOP  
digital chrono-thermostat  
functioning

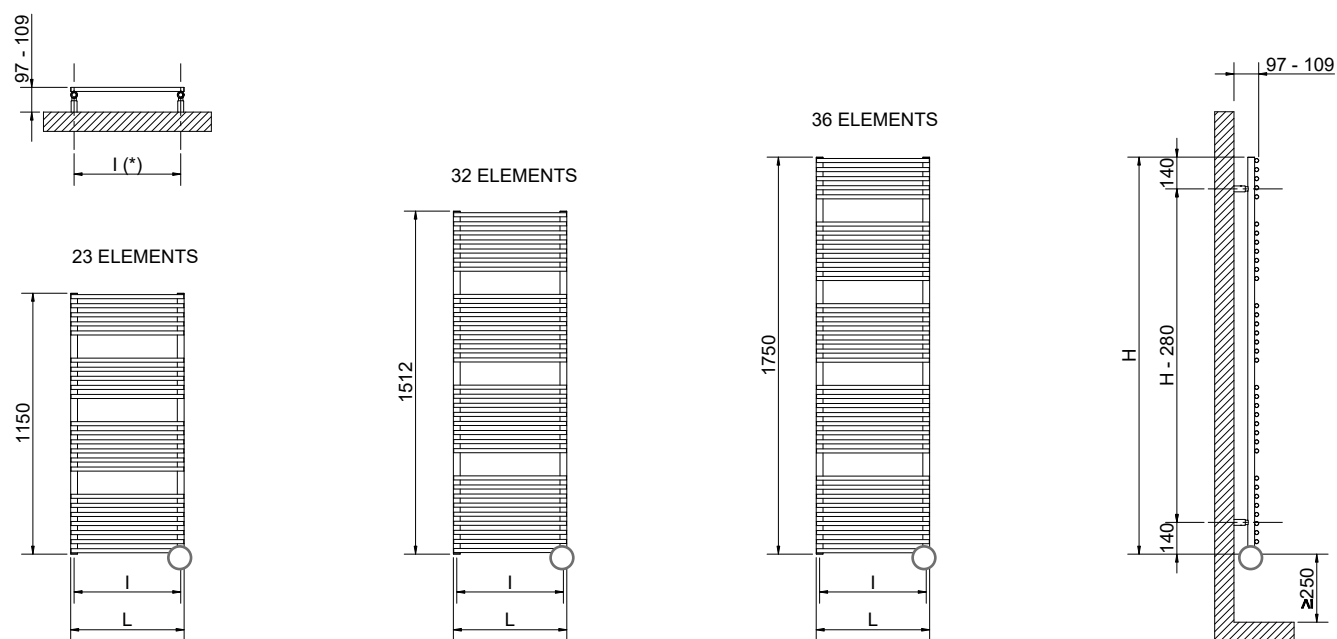
## ACCESSORIES



**Space-saving clothesline in  
plexiglass and steel**

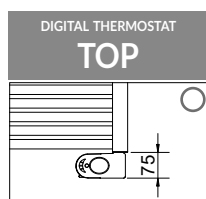
Width L	Art. nr.	L
370 mm	5991990310402	≤ 500 mm

Accessories and spare parts - see from page 453



(\*) Pipe center (I) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



### LEILA ELECTRIC TOP (remote control included) - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance I (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>1150</b>	500	470	3581560400001	300	13,0
<b>1512</b>	500	470	3581560400002	500	18,0
<b>1750</b>	500	470	3581560400003	600	21,0

Technical specification of TOP digital thermostat see page 473



# STEFANIA ELECTRIC POLISHED STAINLESS STEEL



page **115**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel 30x10 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### ELECTRICAL ONLY:

- ☒ With TOP digital thermostat

Class protection: CLASS 1

Minimum ingress protection: IP 44

Wire lenght: 1200 mm with Schuko plug

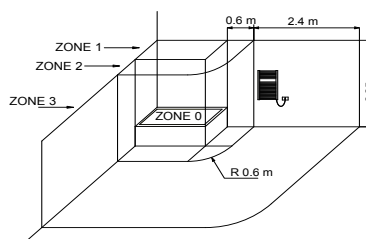
Power supply: 230Vac 50/60Hz

Seasonal energy efficiency  $\eta_s$ : 38%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## INCLUDED



**Remote control of TOP  
digital chrono-thermostat**

Remote control of TOP  
digital chrono-thermostat  
functioning

## ACCESSORIES

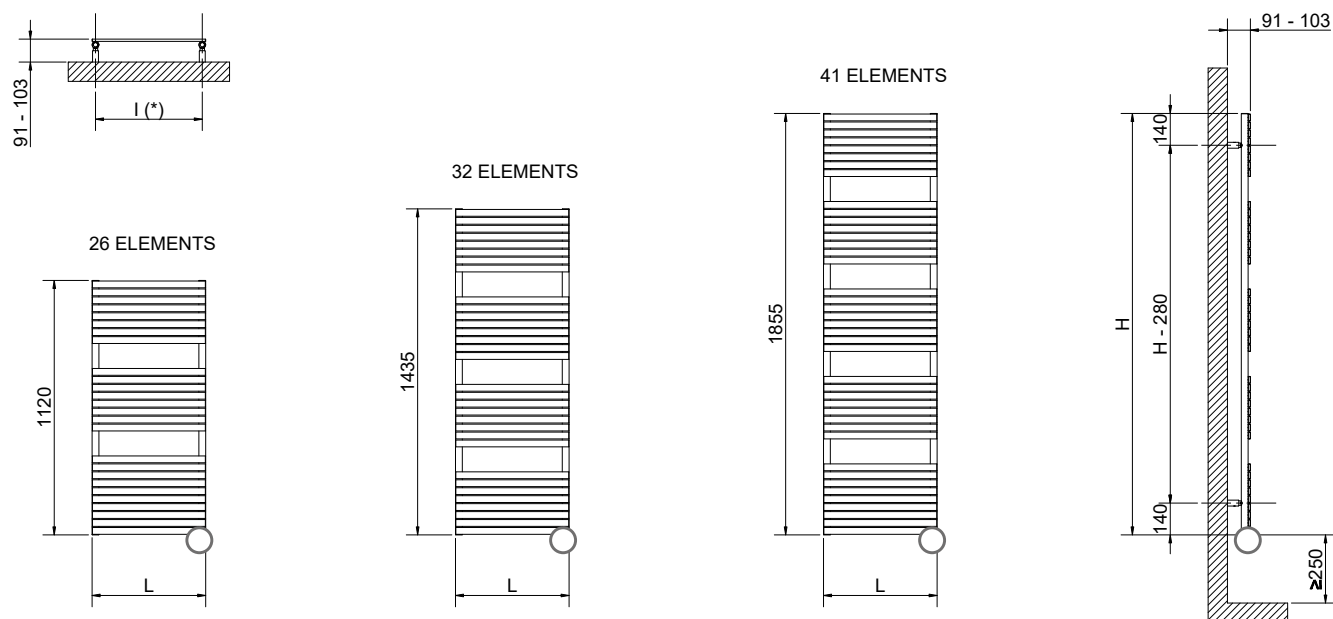


**Kit 2 hooks-polished  
stainless steel**

Art. nr. 5991990010218

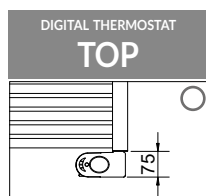
Accessories and spare parts - see from page 453





(\*) Pipe center (l) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



### STEFANIA ELECTRIC TOP (remote control included) - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>1120</b>	500	470	3581610401112	400	18,0
<b>1435</b>	500	470	3581610401113	500	22,0
<b>1855</b>	600	570	3581610401114	700	32,0

Technical specification of TOP digital thermostat see page 473



# ALESSANDRA<sup>ELECTRIC</sup>

## POLISHED STAINLESS STEEL



page **120**

**EUROPEAN**  
WARRANTY

### MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel 30x10 mm.
- Heat transfer fluid.

### FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

The towel rail is protected by recyclable carton box. User notice included. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

#### ELECTRICAL ONLY:

- ☒ With MANUAL ON/OFF
- ☒ With CABLE COVER

#### VERSION WITH MANUAL ON/OFF

Class protection: CLASS 1

Minimum ingress protection: IP 54

Wire lenght: 1200 mm with Schuko plug

Power supply: 230Vac 50Hz

#### VERSION WITH CABLE COVER

Class protection: CLASS 1

Minimum ingress protection: IP 55

Wire lenght: 1200 mm without plug

Power supply: 230Vac 50Hz

In the model with a cable cover, the cable is unplugged and must be connected to an ON-OFF switch (not included). It is necessary to provide a power cut-off device (not included) and a protection device (not included). For correct installation, consult an electrician and refer to local regulations for electrical networks.

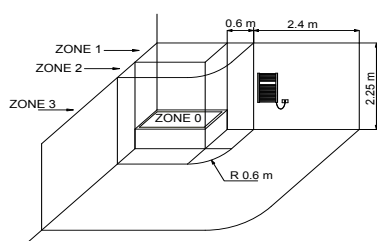


ALESSANDRA ELECTRIC WITH CABLE COVER

## CERTIFICATES

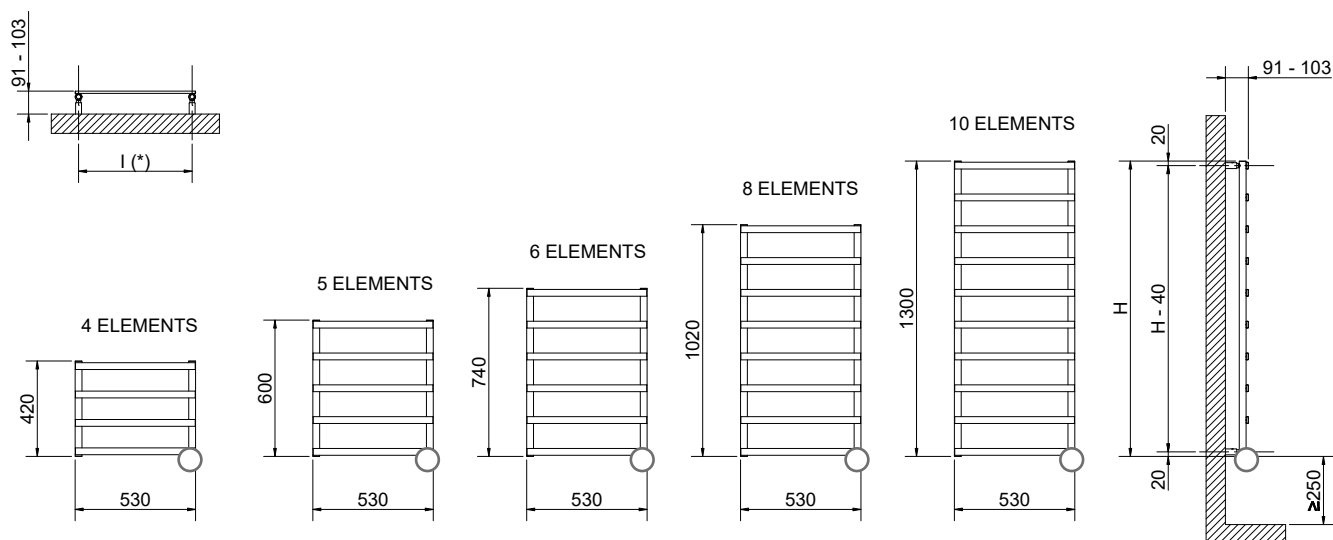


## HOW TO PLACE ELECTRIC TOWEL RAILS



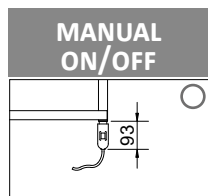
The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric towel rail must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



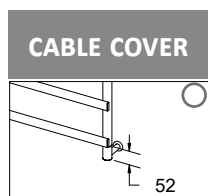
(\*) Pipe center (l) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



### ALESSANDRA ELECTRIC WITH MANUAL ON/OFF - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>420</b>	530	500	3581680400001	150	3,3
<b>600</b>	530	500	3581680400002	150	4,4
<b>740</b>	530	500	3581680400003	150	5,0
<b>1020</b>	530	500	3581680400004	150	5,9
<b>1300</b>	530	500	3581680400005	150	6,7



### ALESSANDRA ELECTRIC WITH CABLE COVER - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>420</b>	530	500	3581680400011	150	3,3
<b>600</b>	530	500	3581680400012	150	4,4
<b>740</b>	530	500	3581680400013	150	5,0
<b>1020</b>	530	500	3581680400014	150	5,9
<b>1300</b>	530	500	3581680400015	150	6,7



# LAURA ELECTRIC POLISHED STAINLESS STEEL



page **124**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  25 mm.
- Heat transfer fluid.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

The towel rail is protected by recyclable carton box. User notice included. User notice included.

## FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ELECTRICAL ONLY:

- ☒ With MANUAL ON/OFF
- ☒ With CABLE COVER

### VERSION WITH MANUAL ON/OFF

Class protection: CLASS 1

Minimum ingress protection: IP 54

Wire lenght: 1200 mm with Schuko plug

Power supply: 230Vac 50Hz

### VERSION WITH CABLE COVER

Class protection: CLASS 1

Minimum ingress protection: IP 55

Wire lenght: 1200 mm without plug

Power supply: 230Vac 50Hz

In the model with a cable cover, the cable is unplugged and must be connected to an ON-OFF switch (not included). It is necessary to provide a power cut-off device (not included) and a protection device (not included). For correct installation, consult an electrician and refer to local regulations for electrical networks.

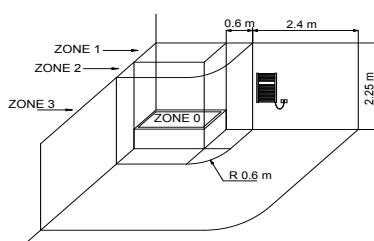


LAURA ELECTRIC WITH CABLE COVER

## CERTIFICATES



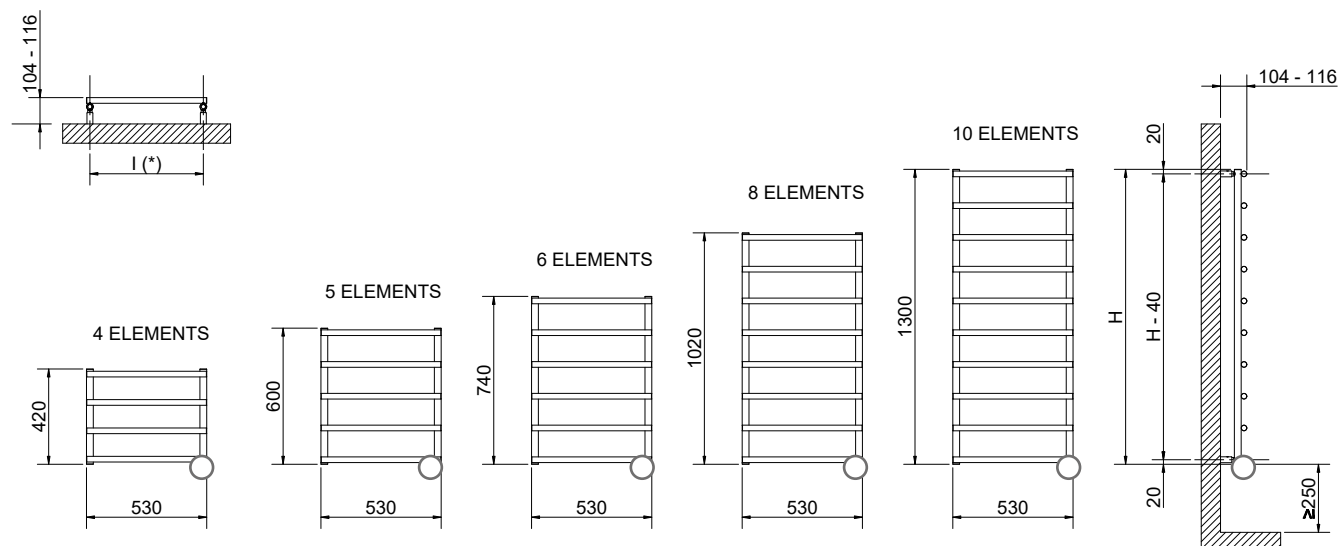
## HOW TO PLACE ELECTRIC TOWEL RAILS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric towel rail must be always installed outside zone 1 and 2.

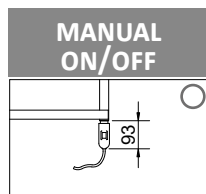
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.





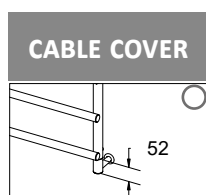
(\*) Pipe center (l) measure of the fixing kit

○ The general footprint has to be calculated considering the thermostat height



### LAURA ELECTRIC WITH MANUAL ON/OFF - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>420</b>	530	500	3581570400001	150	4,40
<b>600</b>	530	500	3581570400002	150	5,60
<b>740</b>	530	500	3581570400003	150	6,60
<b>1020</b>	530	500	3581570400004	150	8,7
<b>1300</b>	530	500	3581570400005	150	10,9



### LAURA ELECTRIC WITH CABLE COVER - POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Fixing kit center distance l (*)	Art. nr.	Output [Watt]	Weight [Kg]
<b>420</b>	530	500	3581570400011	150	4,40
<b>600</b>	530	500	3581570400012	150	5,60
<b>740</b>	530	500	3581570400013	150	6,60
<b>1020</b>	530	500	3581570400014	150	8,7
<b>1300</b>	530	500	3581570400015	150	10,9



# CLAUDIA® BLOWER



page 44

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel ø 25 mm.
- Heat transfer fluid.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Class protection: CLASS 2

Minimum ingress protection: IP 24

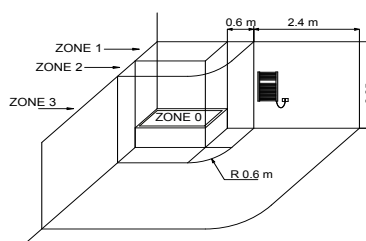
Wire lenght: 1100 mm with Schuko plug

Seasonal energy efficiency  $\eta_s$ : 39%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

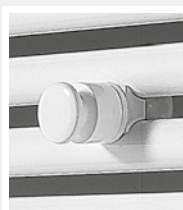
### RF WIRELESS REMOTE CONTROL



Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

## ACCESSORIES



### Kit 2 hooks white R01

Art. nr. 5991990310028

*If ordered separately from the radiator, the accessories are available in standard white only*

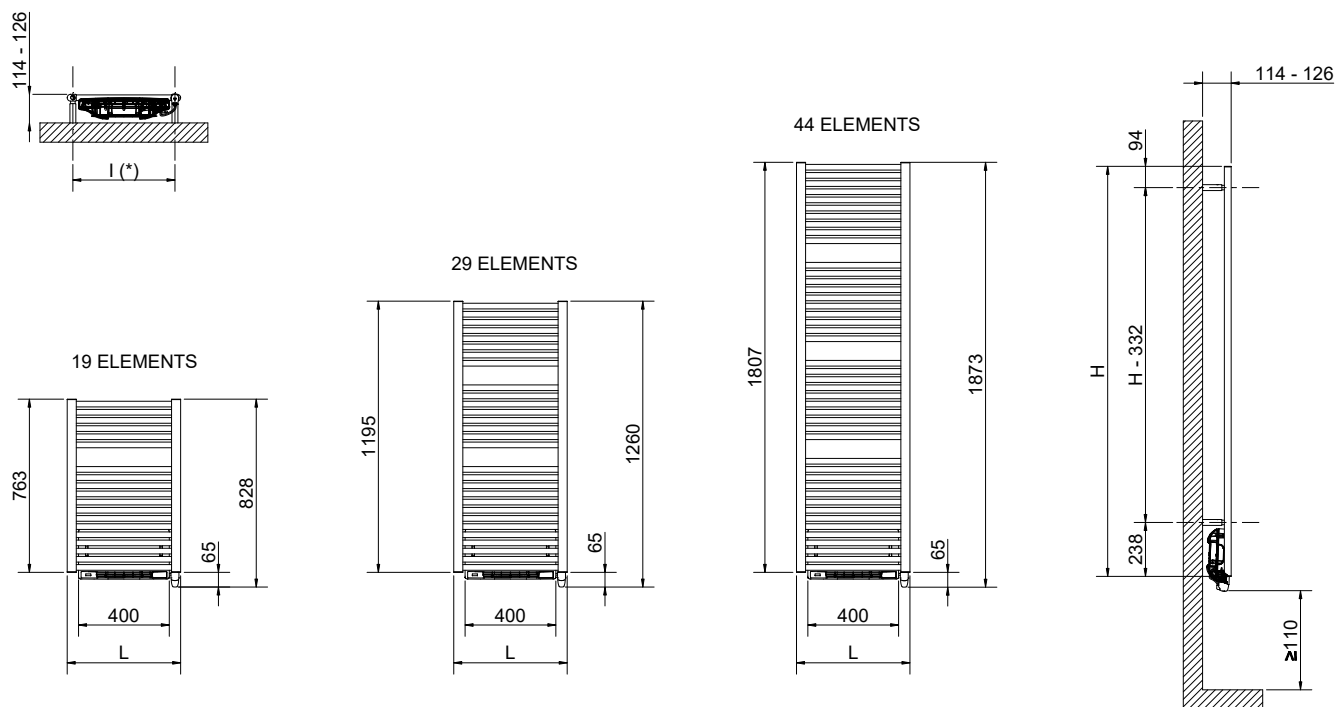


### Towel bar painted mild steel white R01

Width	Art. nr.	Available on width
276 mm	5991990310047	≥ 400 mm
368 mm	5991990310029	≥ 500 mm

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



(\*) Pipe center (l) measure of the fixing kit

## CLAUDIA® BLOWER

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	BLOWER output [Watt]	Weight [Kg]
<b>763</b>	500	3581356100083	500	1000	17
<b>1195</b>	500	3581356100084	750	1000	24
<b>1807</b>	500	3581356100085	1000	1000	33

Art. nr. are referred to colour WHITE R01

## ELECTRIC MODULE FOR VENTILATION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life



### DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization.

### COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.

- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.
- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours

For the radiators manufactured in coloured version different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.



# CLAUDIA<sup>®</sup> BLOWER DUAL ENERGY



page 45

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel semi oval 30x40 mm.
- Horizontal heating elements in painted mild steel ø 25 mm.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to +30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

P. Max: 8 bar

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

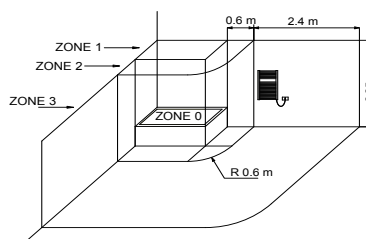
Minimum ingress protection: IP 24

Wire lenght: 1100 mm with Schuko plug

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

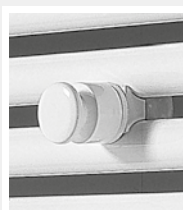
### RF WIRELESS REMOTE CONTROL



Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

## ACCESSORIES



### Kit 2 hooks white R01

Art. nr. 5991990310028

*If ordered separately from the radiator, the accessories are available in standard white only*



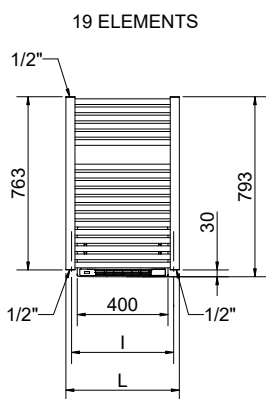
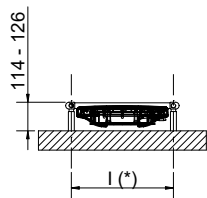
### Towel bar painted mild steel white R01

Width	Art. nr.	Available on width
276 mm	5991990310047	≥ 400 mm
368 mm	5991990310029	≥ 500 mm

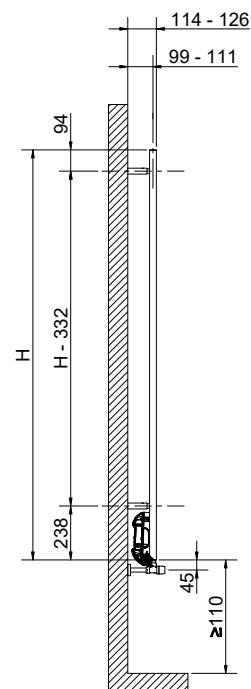
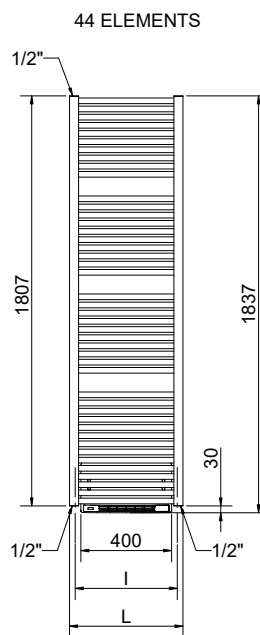
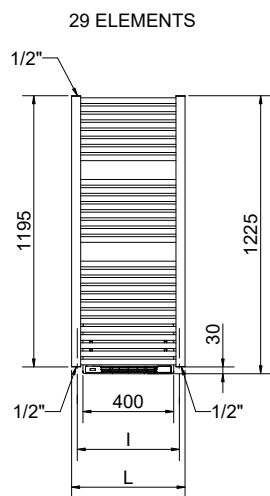
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453





(\*) Pipe center (I) measure of the fixing kit



## CLAUDIA® BLOWER DUAL ENERGY

Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	BLOWER output [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>763</b>	500	450	3581356100170	10,1	0,821	4,8	389	206	1,2472	1000
<b>1195</b>	500	450	3581356100171	13,4	1,26	7,4	595	314	1,2488	1000
<b>1807</b>	500	450	3581356100172	18,1	1,91	11,3	907	479	1,2513	1000

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta t 50^{\circ}\text{C} \times (\text{desired } \Delta t / 50)^4 \times n$ .



# GLORIA 22 BLOWER



page 74

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.
- Heat transfer fluid.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Class protection: CLASS 2

Minimum ingress protection: IP 24

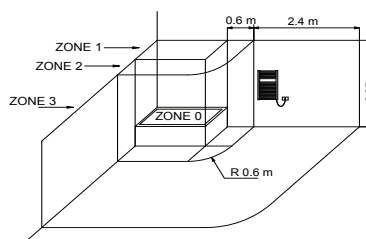
Wire lenght: 1100 mm with Schuko plug

Seasonal energy efficiency  $\eta_s$ : 39%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

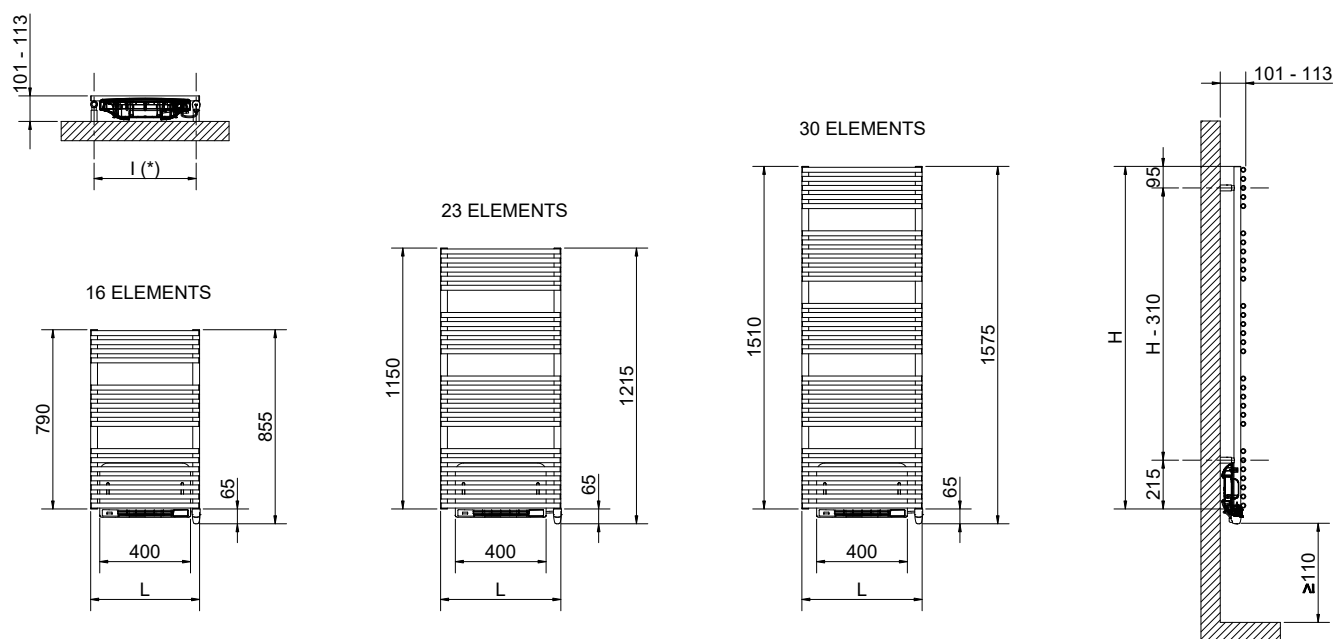
### RF WIRELESS REMOTE CONTROL



Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

Accessories and spare parts - see from page 453



(\*) Pipe center (l) measure of the fixing kit

## GLORIA 22 BLOWER

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	BLOWER output [Watt]	Weight [Kg]
<b>790</b>	480	3581666100020	500	1000	15
<b>1150</b>	530	3581666100021	750	1000	19
<b>1500</b>	530	3581666100022	1000	1000	24

Art. nr. are referred to colour WHITE R01

## ELECTRIC MODULE FOR VENTILATION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life



- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.
- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours

### DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization.

### COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.

For the radiators manufactured in coloured version different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.



# GLORIA 22 BLOWER DUAL ENERGY



page **75**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to +30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

P. Max: 8 bar

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

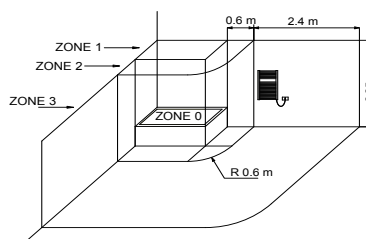
Minimum ingress protection: IP 24

Wire lenght: 1100 mm with Schuko plug

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

### RF WIRELESS REMOTE CONTROL



Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

## ACCESSORIES

### Kristal valve square with thermostatic option White R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160

*If ordered separately from the radiator, the accessories are available in standard white only*

Art. nr. are referred to colour WHITE R01

### Thermostatic head white

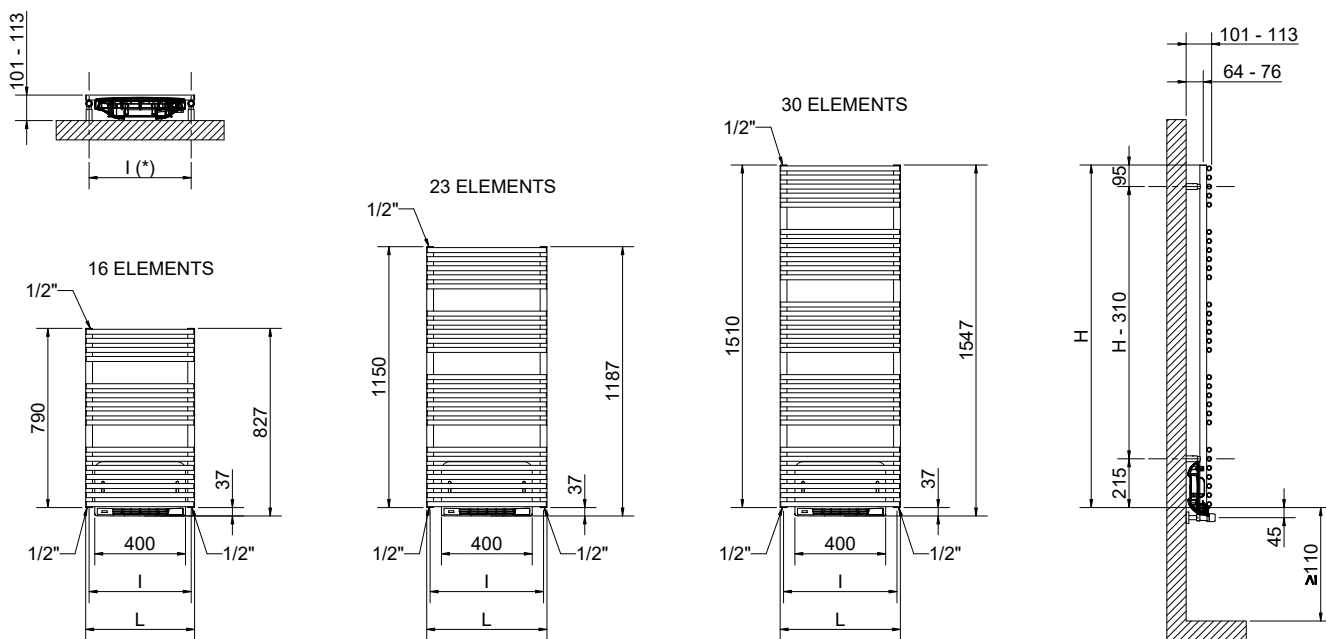


(Kit 2 pieces)

Art. nr. 5035270710016

Accessories and spare parts - see from page 453





(\*) Pipe center (I) measure of the fixing kit

## GLORIA 22 BLOWER DUAL ENERGY

Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	BLOWER output [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>790</b>	480	450	3581666100030	10,7	0,66	3,1	302	164	1,1941	1000
<b>1150</b>	530	500	3581666100031	14,3	1,03	5	460	247	1,2153	1000
<b>1500</b>	530	500	3581666100032	17,3	1,32	6,5	591	318	1,2157	1000

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta t 50^{\circ}\text{C} \times (\text{desired } \Delta t / 50)^4 \times n$ .



# DORY BLOWER



page 80

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.
- Heat transfer fluid.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Class protection: CLASS 2

Minimum ingress protection: IP 24

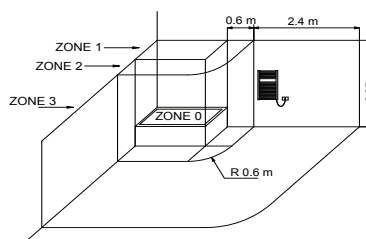
Wire lenght: 1100 mm with Schuko plug

Seasonal energy efficiency  $\eta_s$ : 39%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

### RF WIRELESS REMOTE CONTROL



Remote control of "BLOWER" ventilated funtioning

Art. nr. 5150990000011

## ACCESSORIES

### Kit 2 hooks white R01



Art. nr. 5991990310389

### Towel bar painted mild steel white R01

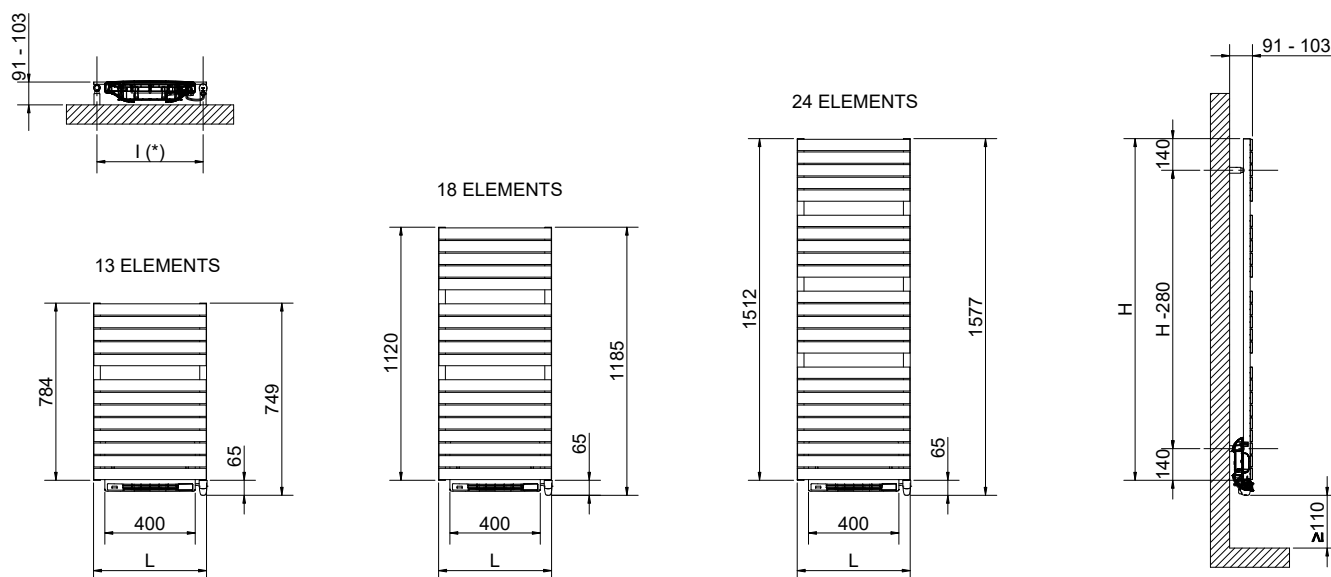


Art. nr. 5991990331127

*If ordered separately from the radiator, the accessories are available in standard white only*

*Art. nr. are referred to colour WHITE R01*

*Accessories and spare parts - see from page 453*



(\*) Pipe center (l) measure of the fixing kit

## DORY BLOWER

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	BLOWER output [Watt]	Weight [Kg]
<b>784</b>	500	3581426100060	500	1000	19
<b>1120</b>	500	3581426100061	750	1000	25
<b>1512</b>	500	3581426100062	1000	1000	32

Art. nr. are referred to colour WHITE R01

## ELECTRIC MODULE FOR VENTILATION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life



- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours

For the radiators manufactured in coloured version different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

### DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization.

### COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.



# DORY BLOWER DUAL ENERGY



page **81**

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to +30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

P. Max: 8 bar

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

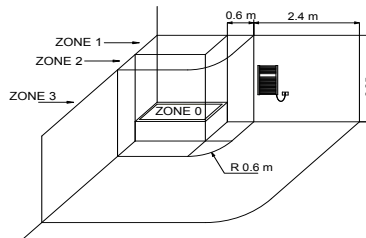
Minimum ingress protection: IP 24

Wire lenght: 1100 mm with Schuko plug

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

### RF WIRELESS REMOTE CONTROL



Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

## ACCESSORIES

### Kristal valve square with thermostatic option White R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160

*If ordered separately from the radiator, the accessories are available in standard white only*

Art. nr. are referred to colour WHITE R01

### Thermostatic head white

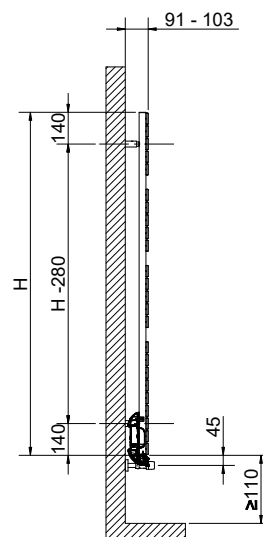
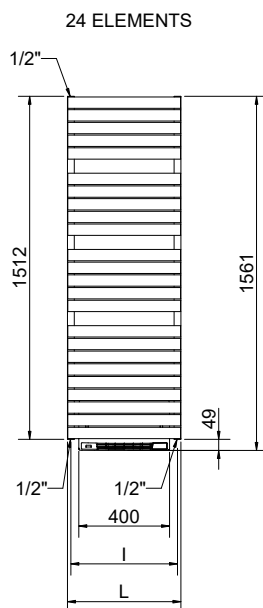
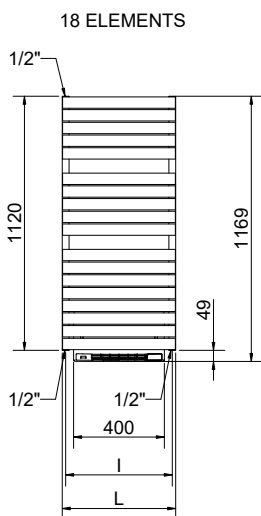
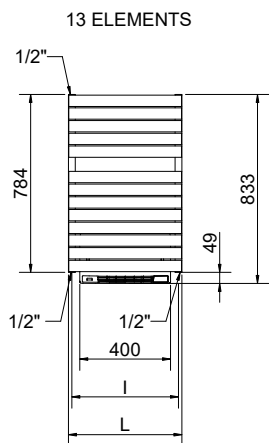
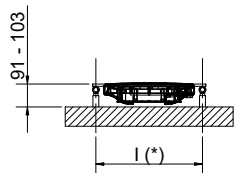


(Kit 2 pieces)

Art. nr. 5035270710016

Accessories and spare parts - see from page 453





(\*) Pipe center (l) measure of the fixing kit

## DORY BLOWER DUAL ENERGY

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		Exp. n	BLOWER output [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>784</b>	500	470	3581426100070	12,8	0,928	3,2	442	243	1,1679	1000
<b>1120</b>	500	470	3581426100071	16,2	1,291	4,5	592	326	1,1693	1000
<b>1512</b>	500	470	3581426100072	20,3	1,725	6,1	767	422	1,1709	1000

Art. nr. are referred to colour WHITE R01

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta t 50^{\circ}\text{C} \times (\text{desired } \Delta t/50)^n$ .



# KELLY 5010 DX<sub>BLOWER</sub>



page 90

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  38 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.
- Heat transfer fluid.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Class protection: CLASS 2

Minimum ingress protection: IP 24

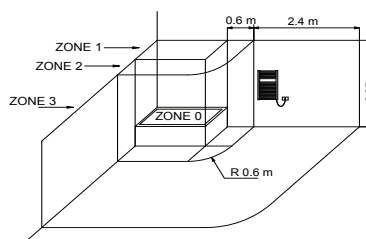
Wire lenght: 1100 mm with Schuko plug

Seasonal energy efficiency  $\eta_s$ : 39%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

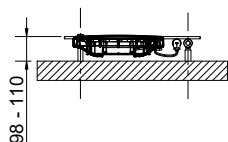
### RF WIRELESS REMOTE CONTROL



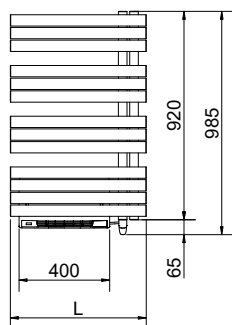
Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

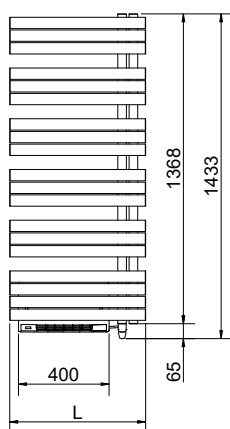
Accessories and spare parts - see from page 453



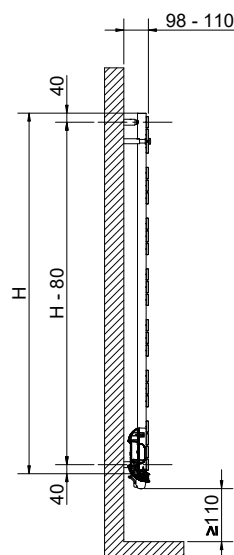
13 ELEMENTS



19 ELEMENTS



22 ELEMENTS



## KELLY 5010 DX BLOWER

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	BLOWER output [Watt]	Weight [Kg]
<b>920</b>	600	3581726100156	500	1000	20
<b>1368</b>	600	3581726100157	750	1000	27
<b>1592</b>	600	3581726100158	1000	1000	31

Art. nr. are referred to colour WHITE R01

## ELECTRIC MODULE FOR VENTILATION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life



- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours

### DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization.

### COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.

For the radiators manufactured in coloured version different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.



# KELLY 5010 SX<sub>BLOWER</sub>



page 90

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  38 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.
- Heat transfer fluid.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to + 30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Class protection: CLASS 2

Minimum ingress protection: IP 24

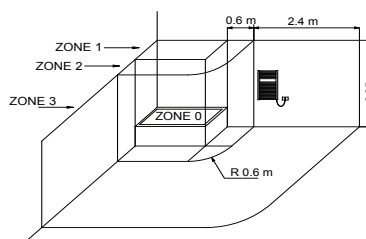
Wire lenght: 1100 mm with Schuko plug

Seasonal energy efficiency  $\eta_s$ : 39%

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



All Cordivari electric radiators are in line with the new European regulation UE 2015/1188. The new regulation imposes a seasonal energy efficiency of electrical appliances for ambient heating with a nominal thermal output over 250 W and not less than 38%. Each of the ErP electric radiator is equipped with at least electronic temperature control, window opening detection and weekly programmer.

## OPTIONAL

### RF WIRELESS REMOTE CONTROL

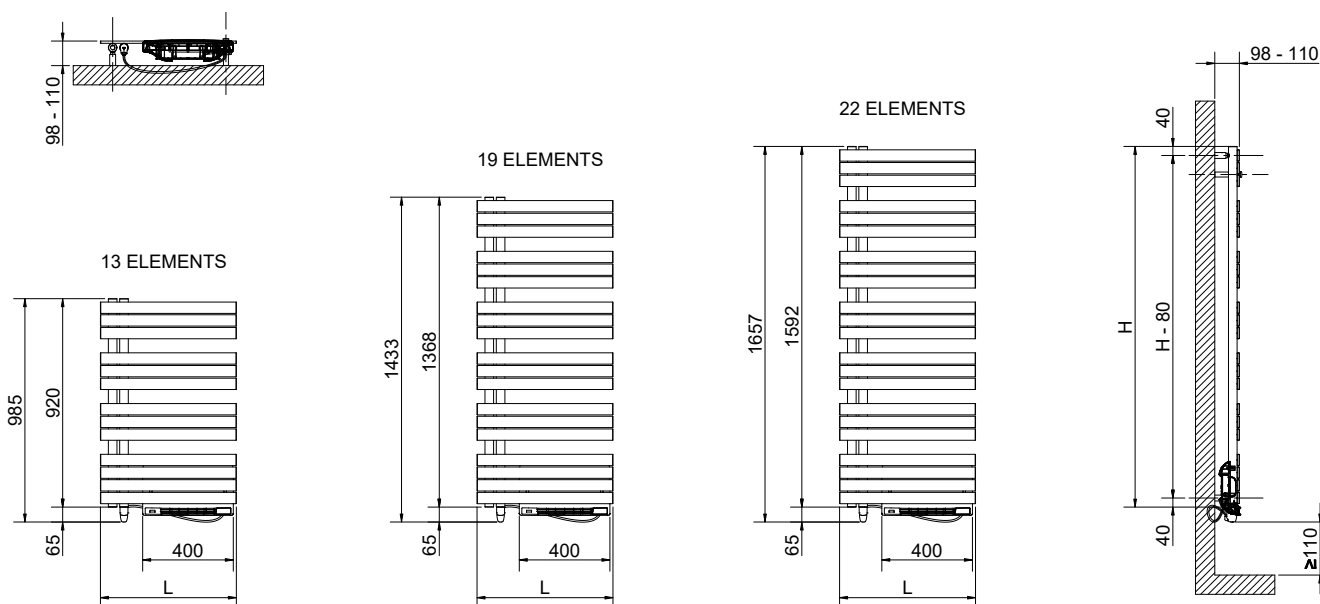


Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

Accessories and spare parts - see from page 453





## KELLY 5010 SX BLOWER

Height [mm]	Width L [mm]	Art. nr.	Output [Watt]	BLOWER output [Watt]	Weight [Kg]
<b>920</b>	600	3581726100159	500	1000	20
<b>1368</b>	600	3581726100160	750	1000	27
<b>1592</b>	600	3581726100161	1000	1000	31

Art. nr. are referred to colour WHITE R01

## ELECTRIC MODULE FOR VENTILATION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life



- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours

For the radiators manufactured in coloured version different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

### DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization.

### COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.



# KELLY 5010 (DX/SX) BLOWER DUAL ENERGY



page 92

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  38 mm.
- Horizontal heating elements in painted mild steel 50x10 mm.

## ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: +10°C to +30°C.

## FIXING KIT:

Brackets, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## FUNCTIONING:

- ☒ Electric
- ☒ With BLOWER electric module
- ☒ Blower dual energy

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

P. Max: 8 bar

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

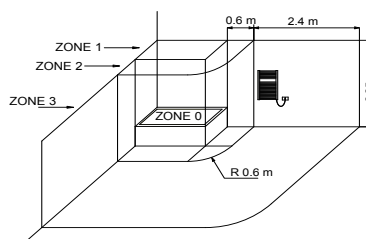
Minimum ingress protection: IP 24

Wire lenght: 1100 mm with Schuko plug

## CERTIFICATES



## HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



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## OPTIONAL

### RF WIRELESS REMOTE CONTROL



Remote control of "BLOWER" ventilated functioning

Art. nr. 5150990000011

## ACCESSORIES

### Kristal valve square with thermostatic option White R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160

*If ordered separately from the radiator, the accessories are available in standard white only*

### Thermostatic head white



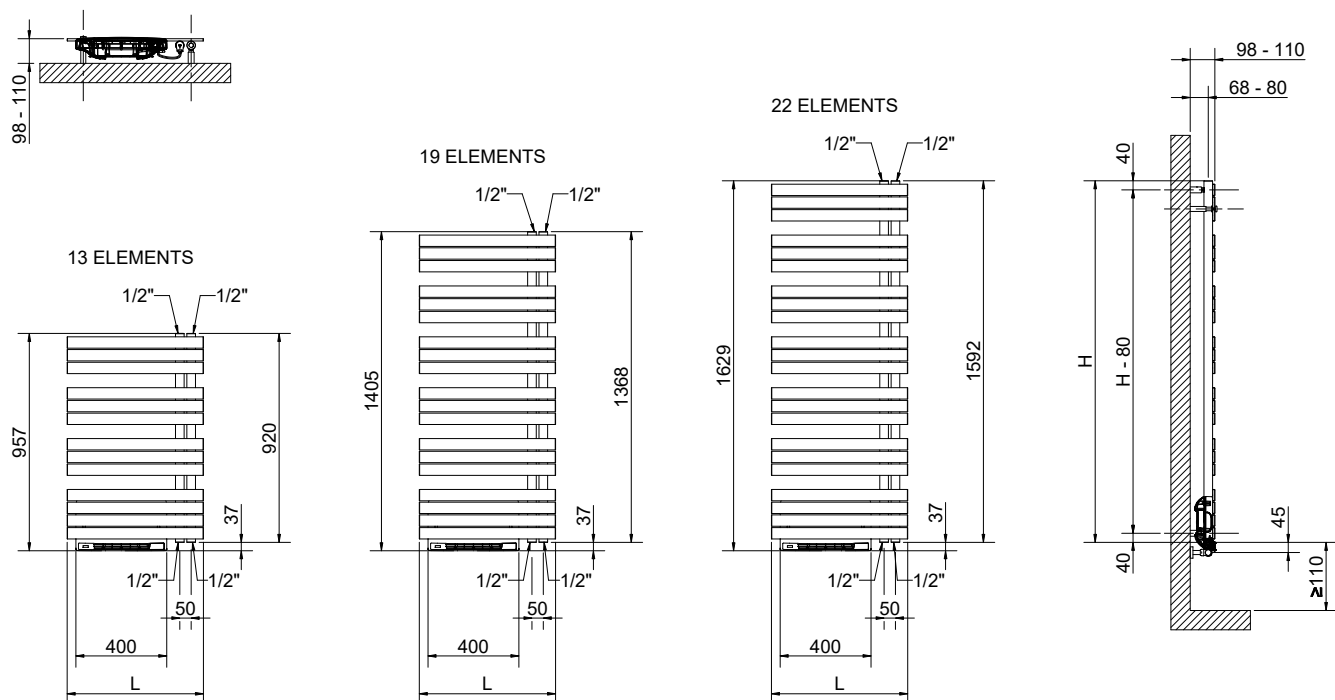
(Kit 2 pieces)

Art. nr. 5035270710016

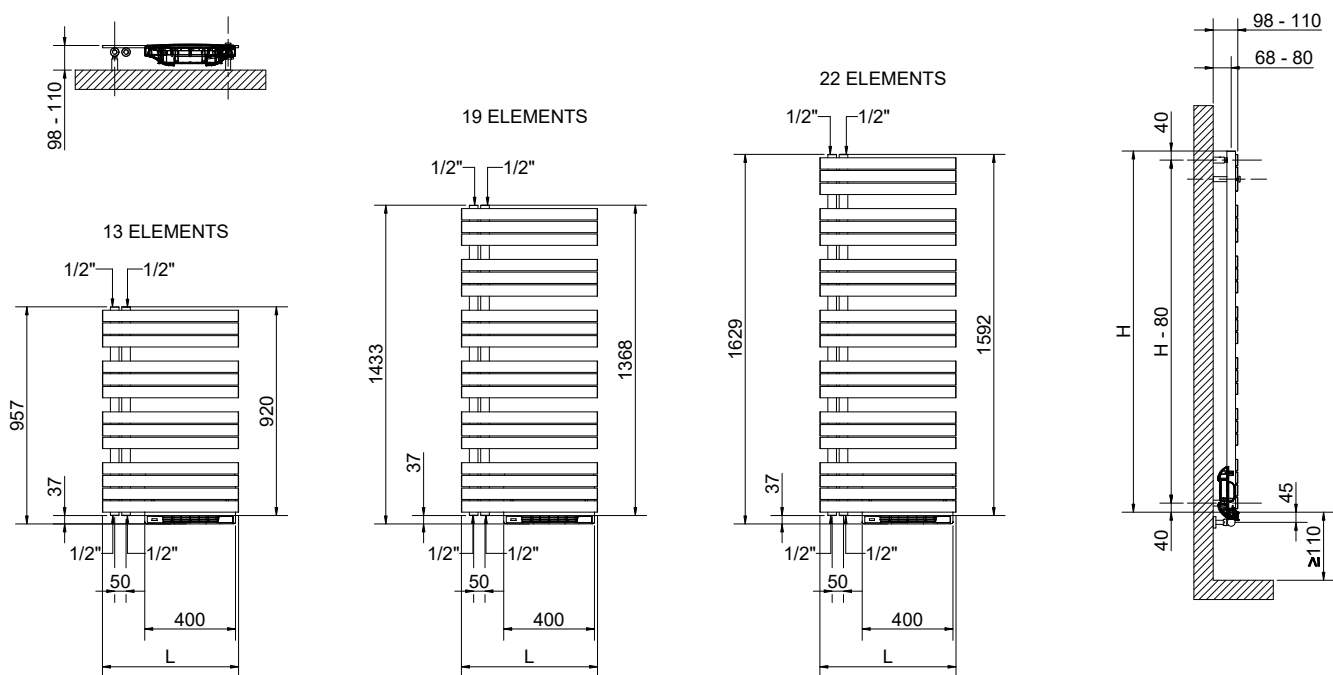
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

## RIGHT Model



## LEFT Model



## KELLY 5010 BLOWER DUAL ENERGY

Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr. RIGHT model	Art. nr. LEFT model	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		Exp. n	BLOWER output [Watt]
								$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
920	600	50	3581726100213	3581726100210	14,7	1,10	4,33	443	234	1,2536	1000
1368	600	50	3581726100214	3581726100211	19,5	1,60	6,53	637	336	1,2533	1000
1592	600	50	3581726100215	3581726100212	22,0	1,86	7,63	742	388	1,2696	1000

ARDESIA®

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VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# ELEN 18

## POLISHED STAINLESS STEEL



page **102**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 316)
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



### Kit 2 hooks polished stainless steel

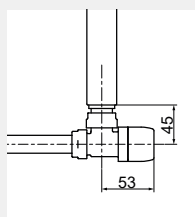
Art. nr. 5991990010216



### Towel bar polished stainless steel

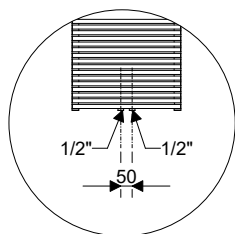
width 350 mm

Art. nr. 5991990010221

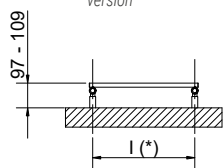


Quotes for square Kristal valves with thermostatic option

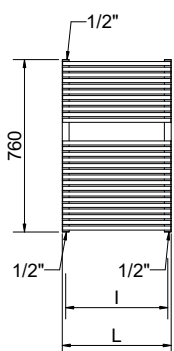
Accessories and spare parts - see from page 453



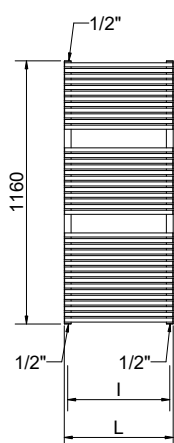
Detail of the pipe centres 50 mm version



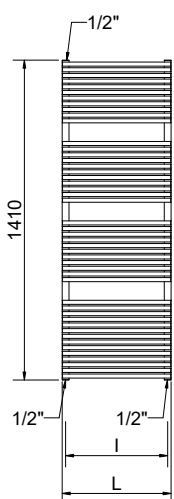
27 ELEMENTS



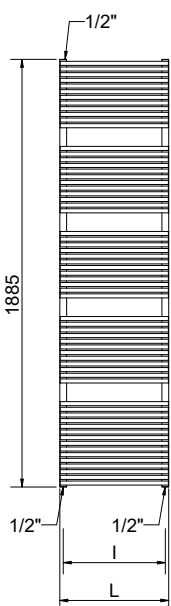
40 ELEMENTS



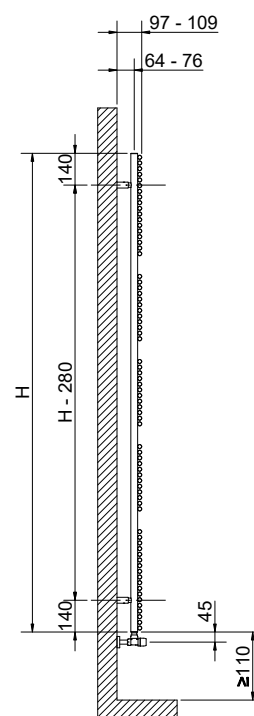
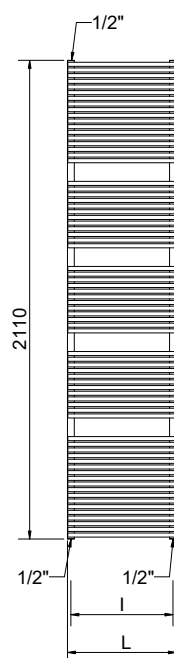
47 ELEMENTS



63 ELEMENTS



72 ELEMENTS



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## ELEN 18 POLISHED STAINLESS STEEL

ELEN 10 POLISHED STAINLESS STEEL				ELEN 10 POLISHED STAINLESS STEEL				ELEN 10 POLISHED STAINLESS STEEL				energy kit	
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$	Exp. n	[Watt]		
760	430	400	3551440133130	3551440133147	7,8	0,8	3,5	301	166	1,1706	300		
	480	450	3551440133134	3551440133151	9,2	0,9	4,0	337	185	1,1698	400		
1160	430	400	3551440133131	3551440133148	11,5	1,2	5,3	424	225	1,2370	500		
	480	450	3551440133135	3551440133152	13,7	1,4	6,0	473	252	1,2329	600		
	530	500	3551440133138	3551440133155	15,7	1,6	6,8	521	278	1,2288	600		
	580	550	3551440133142	3551440133159	19,8	2,1	8,3	570	305	1,2246	700		
1410	430	400	3551440133132	3551440133149	13,7	1,4	6,3	506	270	1,2313	600		
	480	450	3551440133136	3551440133153	16,2	1,7	7,2	562	300	1,2280	700		
	530	500	3551440133139	3551440133156	18,6	1,9	8,1	618	331	1,2248	700		
	580	550	3551440133143	3551440133160	23,3	2,4	9,9	674	361	1,2216	700		
1885	430	400	3551440133133	3551440133150	18,3	1,9	8,4	676	355	1,2612	700		
	480	450	3551440133137	3551440133154	21,7	2,2	9,6	747	394	1,2544	900		
	530	500	3551440133140	3551440133157	24,9	2,6	10,8	819	433	1,2475	900		
	580	550	3551440133144	3551440133161	31,2	3,3	13,2	891	473	1,2406	900		
2110	530	500	3551440133141	3551440133158	24,6	2,5	10,9	924	486	1,2583	900		
	580	550	3551440133145	3551440133162	28,3	2,9	12,3	1003	530	1,2497	1200		
	730	700	3551440133146	3551440133163	35,6	3,8	15,0	1242	665	1,2240	1200		

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50$  x (desired  $\Delta T/50$ )<sup>n</sup>





# ELEN 18

## SATIN STAINLESS STEEL



page **103**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in satin stainless steel  $\varnothing$  30 mm.
- Horizontal elements in satin stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



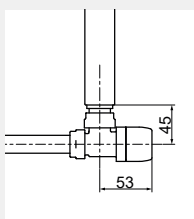
## ACCESSORIES

### Kristal valve square with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321143

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321144



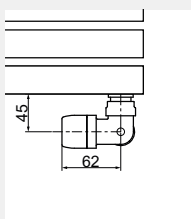
Quotes for square Kristal valves with thermostatic option

### Kristal corner valve with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321136

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321135



Quotes for corner Kristal valves with thermostatic option

### Towel bar SATIN STAINLESS STEEL



width 350 mm

Available with width  $\geq$  500 mm

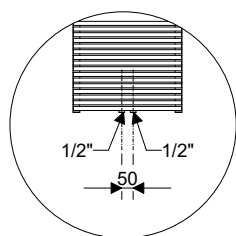
Art. nr. 5991990010222

### Kit 2 hooks SATIN STAINLESS STEEL

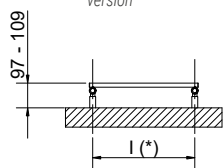


Art. nr. 5991990010217

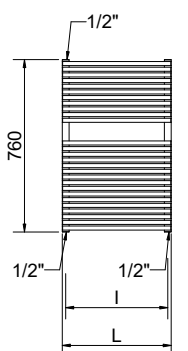
Accessories and spare parts - see from page 453



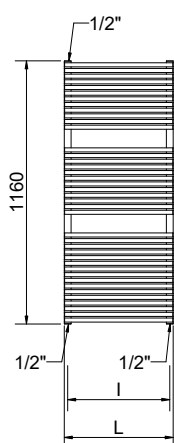
Detail of the pipe centres 50 mm version



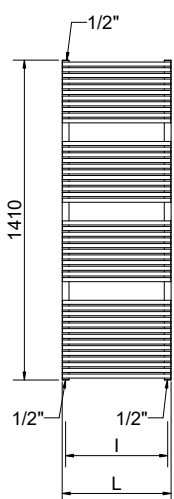
27 ELEMENTS



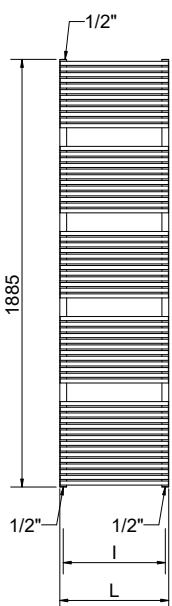
40 ELEMENTS



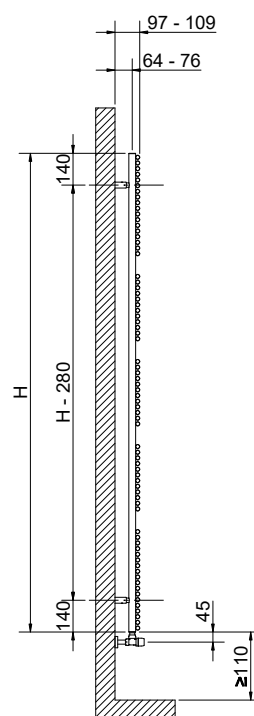
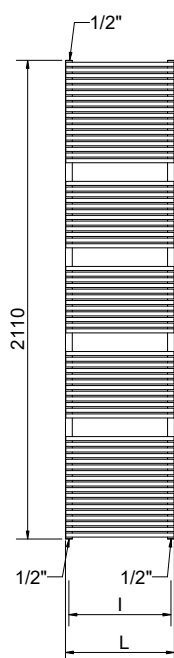
47 ELEMENTS



63 ELEMENTS



72 ELEMENTS



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## ELEN 18 SATIN STAINLESS STEEL

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
760	430	400	3551590133040	3551590133057	7,8	0,8	3,5	313	166	1,2426	400
	480	450	3551590133044	3551590133061	9,2	0,9	4,0	350	186	1,2353	400
1160	430	400	3551590133041	3551590133058	11,5	1,2	5,3	455	240	1,2527	500
	480	450	3551590133045	3551590133062	13,7	1,4	6,0	507	268	1,2451	600
	530	500	3551590133048	3551590133065	15,7	1,6	6,8	559	297	1,2374	700
	580	550	3551590133052	3551590133069	19,8	2,1	8,3	611	326	1,2298	700
1410	430	400	3551590133042	3551590133059	13,7	1,4	6,3	545	293	1,2162	700
	480	450	3551590133046	3551590133063	16,2	1,7	7,2	606	326	1,2130	700
	530	500	3551590133049	3551590133066	18,6	1,9	8,1	667	360	1,2099	700
	580	550	3551590133053	3551590133070	23,3	2,4	9,9	728	393	1,2067	900
1885	430	400	3551590133043	3551590133060	18,3	1,9	8,4	723	384	1,2362	900
	480	450	3551590133047	3551590133064	21,7	2,2	9,6	800	426	1,2315	900
	530	500	3551590133050	3551590133067	24,9	2,6	10,8	878	469	1,2268	900
	580	550	3551590133054	3551590133071	31,2	3,3	13,2	955	512	1,2221	1200
2110	530	500	3551590133051	3551590133068	24,6	2,5	10,9	981	522	1,2348	1200
	580	550	3551590133055	3551590133072	28,3	2,9	12,3	1067	569	1,2293	1200
	730	700	3551590133056	3551590133073	35,6	3,8	15,0	1322	711	1,2129	1200

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# ELEN 18 WIDE

## POLISHED STAINLESS STEEL



page **104**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



### Kristal corner valve with thermostatic option chromed

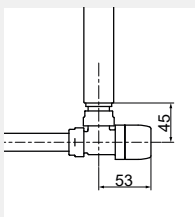
Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301148

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301147

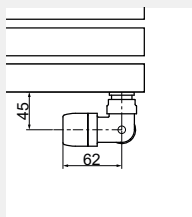


### Kit 2 hooks polished stainless steel

Art. nr. 5991990010216



Quotes for square Kristal valves with thermostatic option



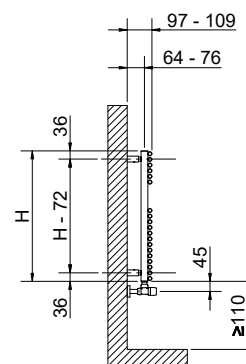
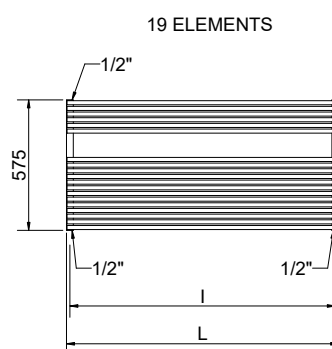
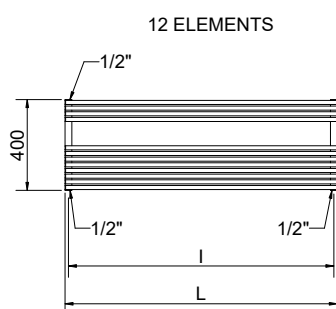
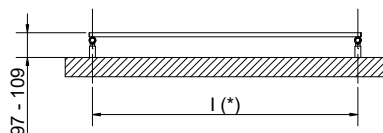
Quotes for corner Kristal valves with thermostatic option



### Pair of polished tube cover kit

Art. nr. 5103000000061

Accessories and spare parts - see from page 453



(\*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves

## ELEN 18 WIDE POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Pipe centres I [mm]	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Thermal output [Watt]		Exp. n	Dual energy kit [Watt]
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$		
<b>400</b>	1200	1170	3551440130205	6,3	0,89	3,5	387	210	1,1980	-
	1400	1370	3551440130206	7,3	1,025	3,9	444	232	1,2727	-
<b>575</b>	1200	1170	3551440130207	9,9	1,4	5,4	600	327	1,1910	300
	1400	1370	3551440130208	11,4	1,6	6,2	701	375	1,2231	300

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t / 50)^n$



# ELEN 22

## POLISHED STAINLESS STEEL



page **108**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  22 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



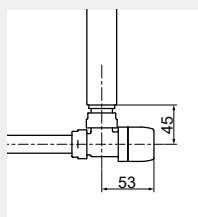
## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



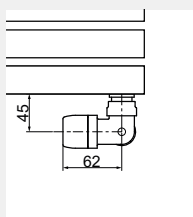
Quotes for square Kristal valves with thermostatic option



### Kristal corner valve with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301148

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301147



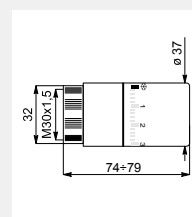
Quotes for corner Kristal valves with thermostatic option



### Thermostatic head chromed

(Kit 2 pieces)

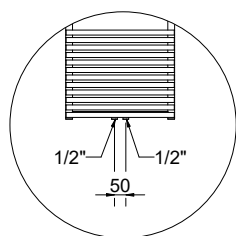
Art. nr. 5035270710015



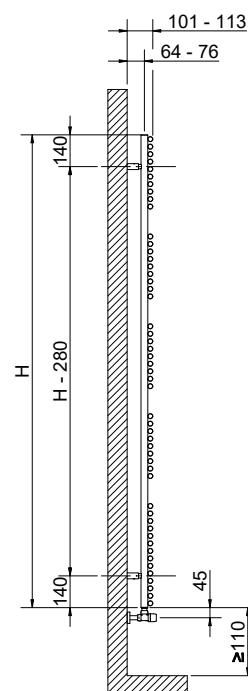
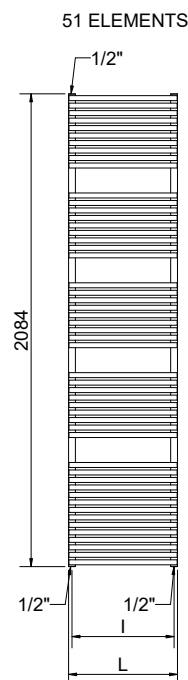
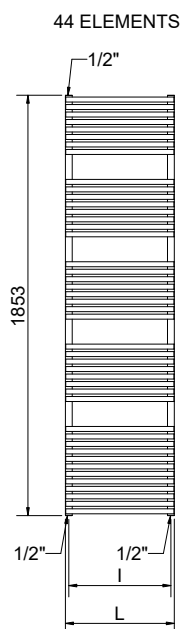
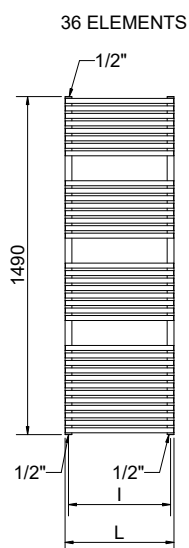
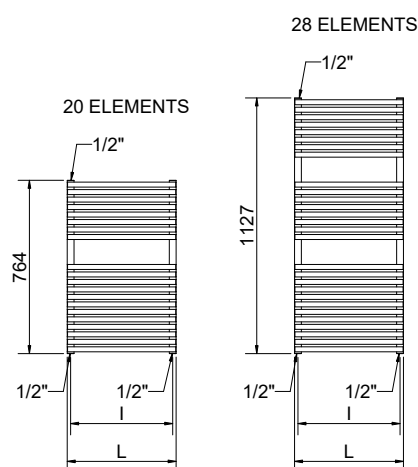
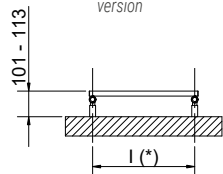
Thermostatic head quotes

Accessories and spare parts - see from page 453





Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## ELEN 22 POLISHED STAINLESS STEEL

ELEN 22 POLISHED STAINLESS STEEL				Pipe centres 50 mm		Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.		Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
764	430	400	3551440133080	3551440133110		5,8	0,74	3,62	276	147	1,2334	-
	480	450	3551440133085	3551440133114		6,3	0,81	3,93	305	163	1,2248	300
1127	430	400	3551440133081	3551440133111		8,2	1,04	5,13	387	206	1,2348	400
	480	450	3551440133086	3551440133115		8,9	1,14	5,57	426	228	1,2265	400
	530	500	3551440133091	3551440133119		9,6	1,24	6,01	466	250	1,2181	400
	580	550	3551440133096	3551440133123		10,3	1,33	6,45	505	272	1,2098	500
1490	430	400	3551440133082	3551440133112		10,6	1,35	6,65	503	268	1,2289	500
	480	450	3551440133087	3551440133116		11,5	1,48	7,21	553	296	1,2233	500
	530	500	3551440133092	3551440133120		12,4	1,60	7,78	604	324	1,2178	600
	580	550	3551440133097	3551440133124		13,4	1,72	8,34	654	352	1,2122	600
1853	430	400	3551440133083	3551440133113		13,0	1,66	8,16	628	338	1,2147	600
	480	450	3551440133088	3551440133117		14,1	1,81	8,85	689	371	1,2123	700
	530	500	3551440133093	3551440133121		15,2	1,96	9,54	750	404	1,2099	700
	580	550	3551440133098	3551440133125		16,4	2,11	10,23	811	438	1,2076	700
2084	480	450	3551440133089	3551440133118		16,2	2,08	10,18	781	422	1,2053	700
	530	500	3551440133094	3551440133122		17,6	2,26	10,99	849	459	1,2049	700
	580	550	3551440133099	3551440133126		18,9	2,44	11,79	917	496	1,2046	900
	730	700	3551440133104	3551440133127		22,9	2,97	14,19	1122	606	1,2037	1000

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# ELEN 22

## SATIN STAINLESS STEEL



page **108**

WARRANTY  
**10 YEARS**

**NEW**

### MATERIAL:

- Vertical collectors in satin stainless steel  $\varnothing$  30 mm.
- Horizontal elements in satin stainless steel  $\varnothing$  22 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



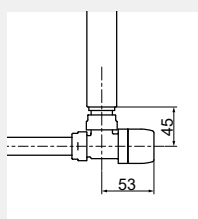
## ACCESSORIES

### Kristal valve square with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321143

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321144



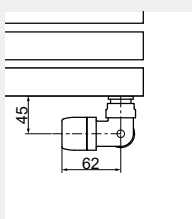
Quotes for square Kristal valves with thermostatic option

### Kristal corner valve with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321134

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321133

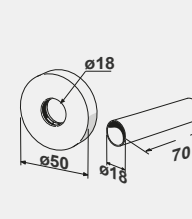


Quotes for corner Kristal valves with thermostatic option

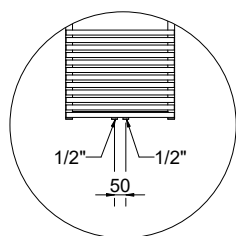
### Pair of satin tube cover kit



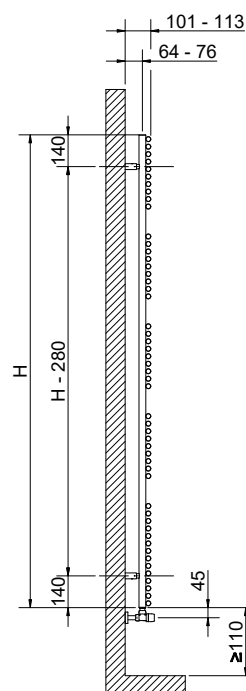
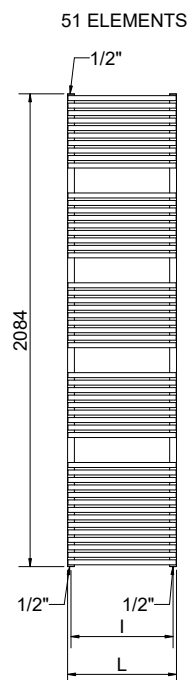
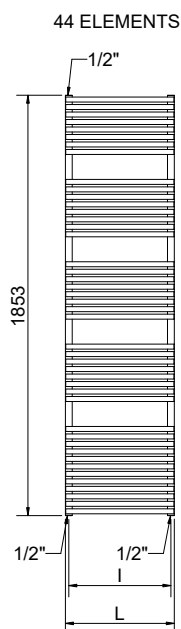
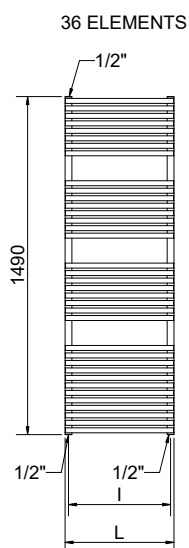
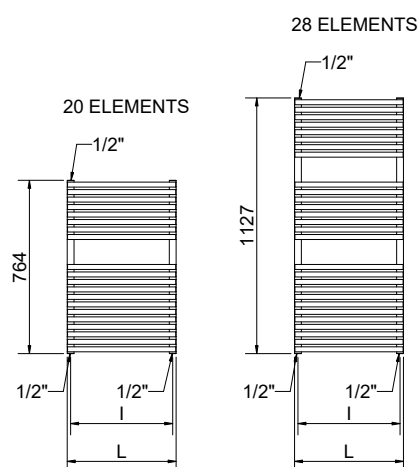
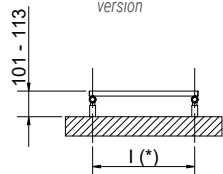
Art. nr. 5103000000062



Accessories and spare parts - see from page 453



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## ELEN 22 SATIN STAINLESS STEEL

ELEN 22 SATIN STAINLESS STEEL				Pipe centres 50 mm		Thermal output [Watt]						Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]	
764	430	400	3551590133100	3551590133130	5,8	0,74	3,62	287	153	1,2433	300	
	480	450	3551590133105	3551590133134	6,3	0,81	3,93	317	170	1,2352	300	
1127	430	400	3551590133101	3551590133131	8,2	1,04	5,13	402	214	1,245	400	
	480	450	3551590133106	3551590133135	8,9	1,14	5,57	443	237	1,2364	400	
	530	500	3551590133111	3551590133139	9,6	1,24	6,01	485	260	1,2284	500	
	580	550	3551590133116	3551590133143	10,3	1,33	6,45	525	283	1,2198	500	
1490	430	400	3551590133102	3551590133132	10,6	1,35	6,65	523	279	1,2389	500	
	480	450	3551590133107	3551590133136	11,5	1,48	7,21	575	308	1,2332	600	
	530	500	3551590133112	3551590133140	12,4	1,60	7,78	628	337	1,228	600	
	580	550	3551590133117	3551590133144	13,4	1,72	8,34	680	366	1,2223	700	
1853	430	400	3551590133103	3551590133133	13,0	1,66	8,16	653	352	1,2247	600	
	480	450	3551590133108	3551590133137	14,1	1,81	8,85	717	386	1,2223	700	
	530	500	3551590133113	3551590133141	15,2	1,96	9,54	780	420	1,2199	700	
	580	550	3551590133118	3551590133145	16,4	2,11	10,23	843	456	1,2175	700	
2084	480	450	3551590133109	3551590133138	16,2	2,08	10,18	812	430	1,2158	700	
	530	500	3551590133114	3551590133142	17,6	2,26	10,99	883	477	1,2153	900	
	580	550	3551590133119	3551590133146	18,9	2,44	11,79	954	516	1,2149	900	
	730	700	3551590133124	3551590133147	22,9	2,97	14,19	1167	630	1,2146	1200	

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta t$ /50)<sup>n</sup>



# SANDY

## POLISHED STAINLESS STEEL



page **110**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  38 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  25 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 318)
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



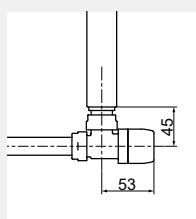
## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



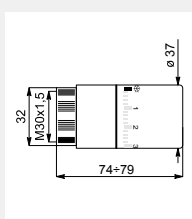
Quotes for square Kristal valves with thermostatic option



### Thermostatic head chromed

(Kit 2 pieces)

Art. nr. 5035270710015



Thermostatic head quotes



### Kit 2 hooks polished stainless steel

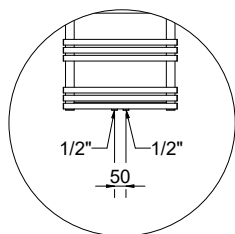
Art. nr. 5991990010215



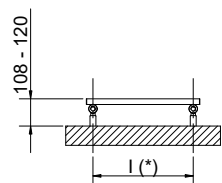
### Pair of polished tube cover kit

Art. nr. 5103000000061

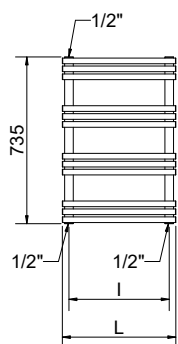
Accessories and spare parts - see from page 453



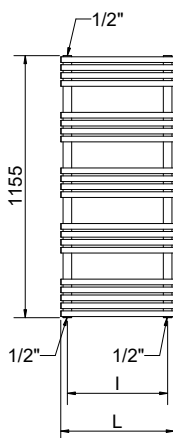
Detail of the pipe centres 50 mm version



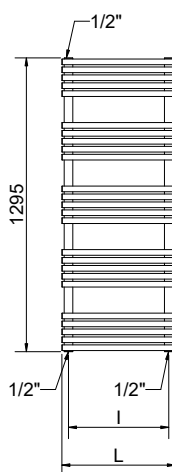
12 ELEMENTS



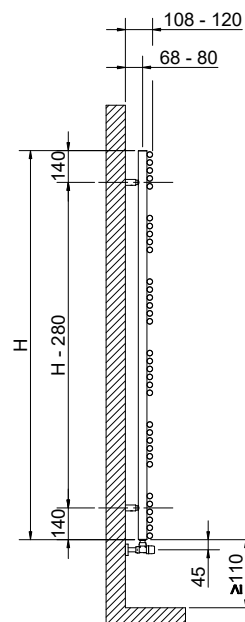
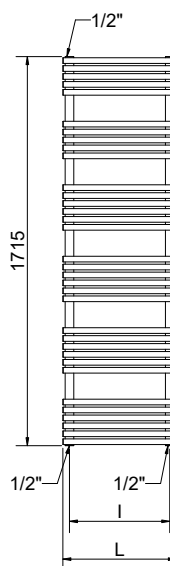
21 ELEMENTS



25 ELEMENTS



34 ELEMENTS



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## SANDY POLISHED STAINLESS STEEL

PIPE WITH POLYETHYLENE GLASS COVER				[mm]							energy kit	
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]	
735	400	342	3551440130250	3551440130270	5,8	0,55	3,3	217	117	1,2120	-	
	500	442	3551440130254	3551440130274	6,7	0,64	3,8	256	139	1,2020	-	
1155	400	342	3551440130251	3551440130271	9,7	0,93	5,6	340	181	1,2357	300	
	500	442	3551440130255	3551440130275	11,2	1,10	6,4	408	219	1,2166	400	
	600	542	3551440130258	3551440130278	12,7	1,26	7,3	476	257	1,2030	500	
	800	742	3551440130261	3551440130281	15,6	1,59	9,0	612	334	1,1850	600	
1295	400	342	3551440130252	3551440130272	11,3	1,09	6,5	396	210	1,2462	400	
	500	442	3551440130256	3551440130276	13,1	1,29	7,5	475	254	1,2231	500	
	600	542	3551440130259	3551440130279	14,9	1,49	8,5	555	300	1,2066	500	
	800	742	3551440130262	3551440130282	18,4	1,88	10,5	715	390	1,1849	700	
1715	400	342	3551440130253	3551440130273	15,2	1,47	8,7	528	276	1,2699	500	
	500	442	3551440130257	3551440130277	17,7	1,75	10,1	630	335	1,2377	600	
	600	542	3551440130260	3551440130280	20,1	2,01	11,5	733	394	1,2148	700	
	800	742	3551440130263	3551440130283	24,8	2,54	14,2	939	513	1,1845	900	

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$





# LEILA

## POLISHED STAINLESS STEEL



page **112**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 320)
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



### Kristal corner valve with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301148

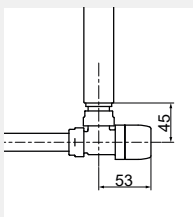
Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301147



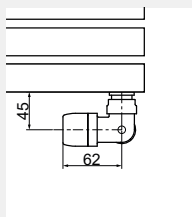
### Thermostatic head chromed

(Kit 2 pieces)

Art. nr. 5035270710015



Quotes for square Kristal valves with thermostatic option



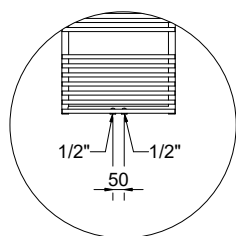
Quotes for corner Kristal valves with thermostatic option



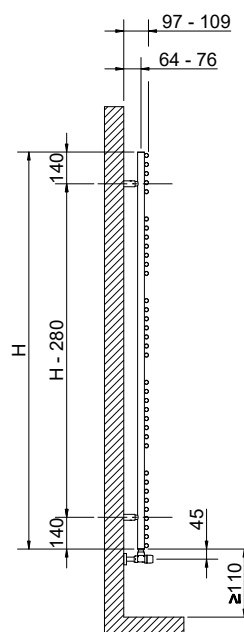
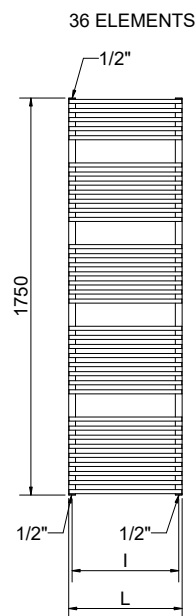
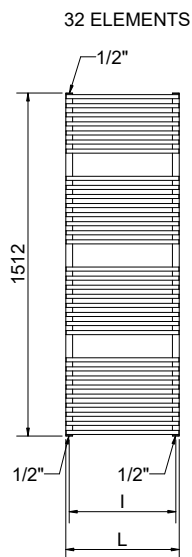
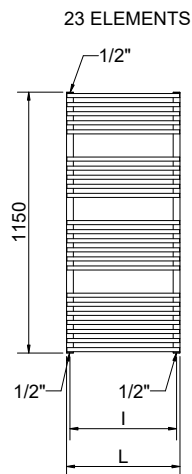
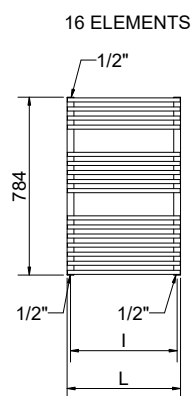
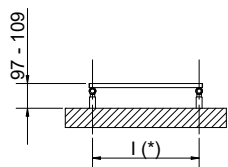
### Pair of polished tube cover kit

Art. nr. 5103000000061

Accessories and spare parts - see from page 453



Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LEILA POLISHED STAINLESS STEEL				Pipe centres 50 mm		Thermal output [Watt]					Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
784	400	370	3551560400001	3551560400051	5,7	0,50	2,0	217	118	1,2007	-
	450	420	3551560400002	3551560400052	6,2	0,55	2,2	237	129	1,1963	-
	500	470	3551560400003	3551560400053	6,6	0,60	2,3	258	140	1,1919	-
	600	570	3551560400005	3551560400055	7,6	0,69	2,6	299	163	1,1831	300
1150	400	370	3551560400006	3551560400056	8,2	0,73	3,0	313	167	1,2306	300
	450	420	3551560400007	3551560400057	8,9	0,82	3,1	342	182	1,2324	300
	500	470	3551560400008	3551560400058	9,6	0,87	3,3	370	197	1,2342	300
	600	570	3551560400010	3551560400060	11,0	0,99	3,7	428	227	1,2378	400
1512	800	770	3551560400021	3551560400071	13,3	1,27	4,5	544	288	1,2426	500
	400	370	3551560400011	3551560400061	11,2	1,00	4,0	416	220	1,2434	400
	450	420	3551560400012	3551560400062	12,1	1,10	4,3	455	242	1,2393	400
	500	470	3551560400013	3551560400063	13,1	1,19	4,6	493	262	1,2352	500
1750	600	570	3551560400015	3551560400065	15,1	1,37	5,1	570	305	1,2270	600
	800	770	3551560400022	3551560400072	18,3	1,73	6,2	724	389	1,2159	700
	400	370	3551560400016	3551560400066	12,7	1,14	4,6	490	259	1,2518	500
	450	420	3551560400017	3551560400067	13,8	1,25	4,9	536	284	1,2438	500
	500	470	3551560400018	3551560400068	14,9	1,34	5,2	581	307	1,2459	600
	600	570	3551560400020	3551560400070	17,1	1,55	5,9	673	361	1,2199	700
	800	770	3551560400023	3551560400073	20,7	1,95	7,1	857	468	1,1852	900

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>



# STEFANIA

## POLISHED STAINLESS STEEL



page **114**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in polished stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel da 30x10 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 322)
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



### Kristal corner valve with thermostatic option chromed

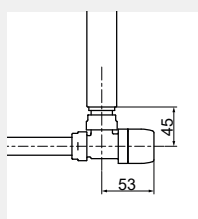
Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301148

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301147

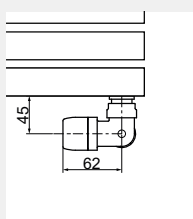


### Kit 2 hooks polished stainless steel

Art. nr. 5991990010218



Quotes for square Kristal valves with thermostatic option



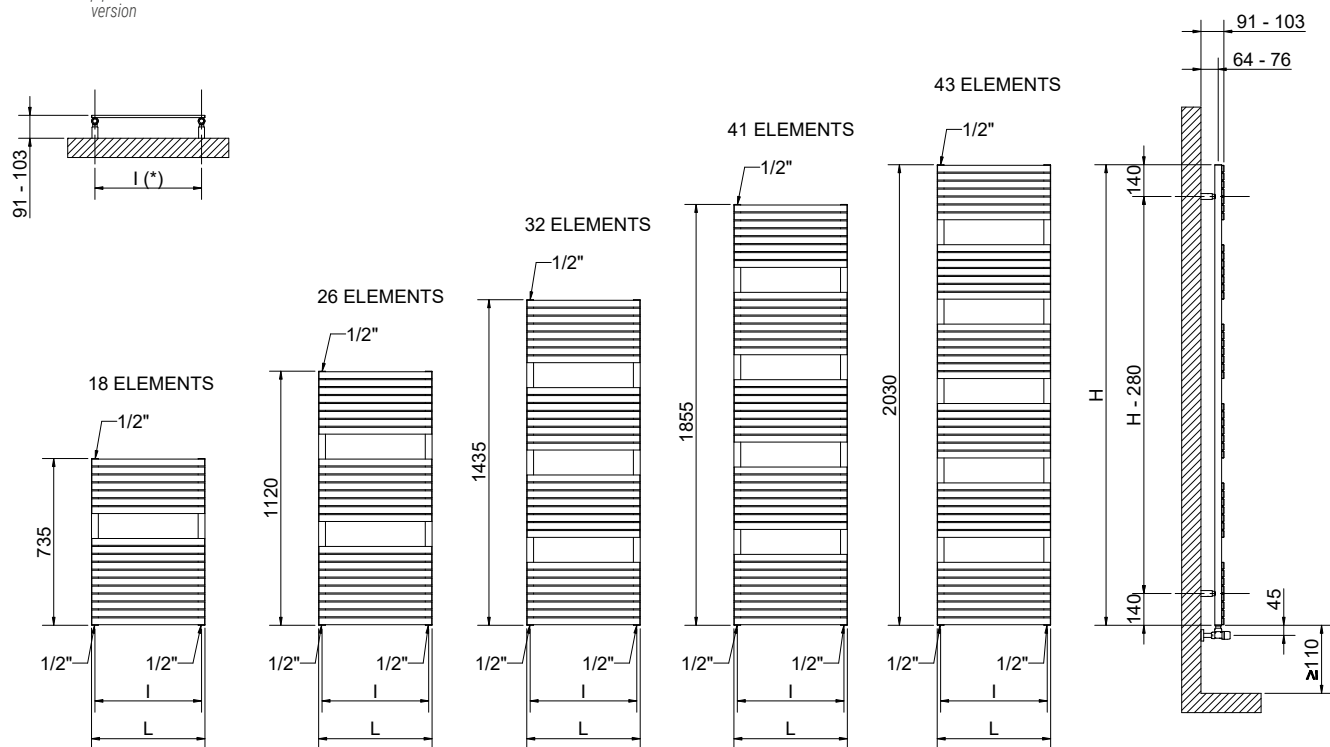
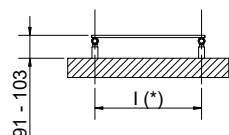
Quotes for corner Kristal valves with thermostatic option



### Pair of polished tube cover kit

Art. nr. 5103000000061

Accessories and spare parts - see from page 453



(\* ) The fixing kit has the same pipe centre (I) as the radiator

### Quotes for Kristal valves

Pipe centres 50 mm

HEIGHT 1000 (1) POLISHED STAINLESS STEEL				[Watt]					energy kit		
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
735	400	370	3551610130100	3551610130120	8,0	0,71	2,2	218	119	1,1913	-
	500	470	3551610130104	3551610130124	9,5	0,85	2,5	362	197	1,1918	300
1120	400	370	3551610130101	3551610130121	11,6	1,04	3,2	300	161	1,2244	300
	500	470	3551610130105	3551610130125	13,8	1,25	3,7	365	196	1,2194	300
	600	570	3551610130109	3551610130129	16,0	1,45	4,2	431	232	1,216	400
1435	400	370	3551610130102	3551610130122	14,4	1,29	4,0	368	194	1,2492	300
	500	470	3551610130106	3551610130126	17,1	1,55	4,6	450	239	1,2401	400
	600	570	3551610130110	3551610130130	19,8	1,80	5,3	531	283	1,2338	500
1855	400	370	3551610130103	3551610130123	18,4	1,66	5,2	484	251	1,2865	500
	500	470	3551610130107	3551610130127	21,9	1,99	6,0	591	309	1,2712	600
	600	570	3551610130111	3551610130131	25,4	2,32	6,8	697	366	1,2606	700
2030	500	470	3551610130108	3551610130128	23,2	2,10	6,4	625	325	1,2781	600
	600	570	3551610130112	3551610130132	26,8	2,44	7,2	737	386	1,2665	700
	800	770	3551610130113	3551610130133	34,2	3,13	8,8	962	508	1,2515	1000

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta t/50)^n$



# STEFANIA

## SATIN STAINLESS STEEL



page **116**

WARRANTY  
**10 YEARS**

### MATERIAL:

- Vertical collectors in satin stainless steel  $\varnothing$  30 mm.
- Horizontal elements in satin stainless steel 30x10 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 470)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



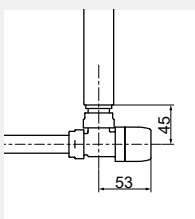
## ACCESSORIES

### Kristal valve square with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321143

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321144



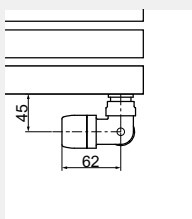
Quotes for square Kristal valves with thermostatic option

### Kristal corner valve with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321134

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321133



Quotes for corner Kristal valves with thermostatic option

### Kit 2 hooks satin stainless steel



Art. nr. 5991990010219

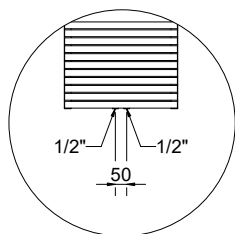
### Pair of satin tube cover kit



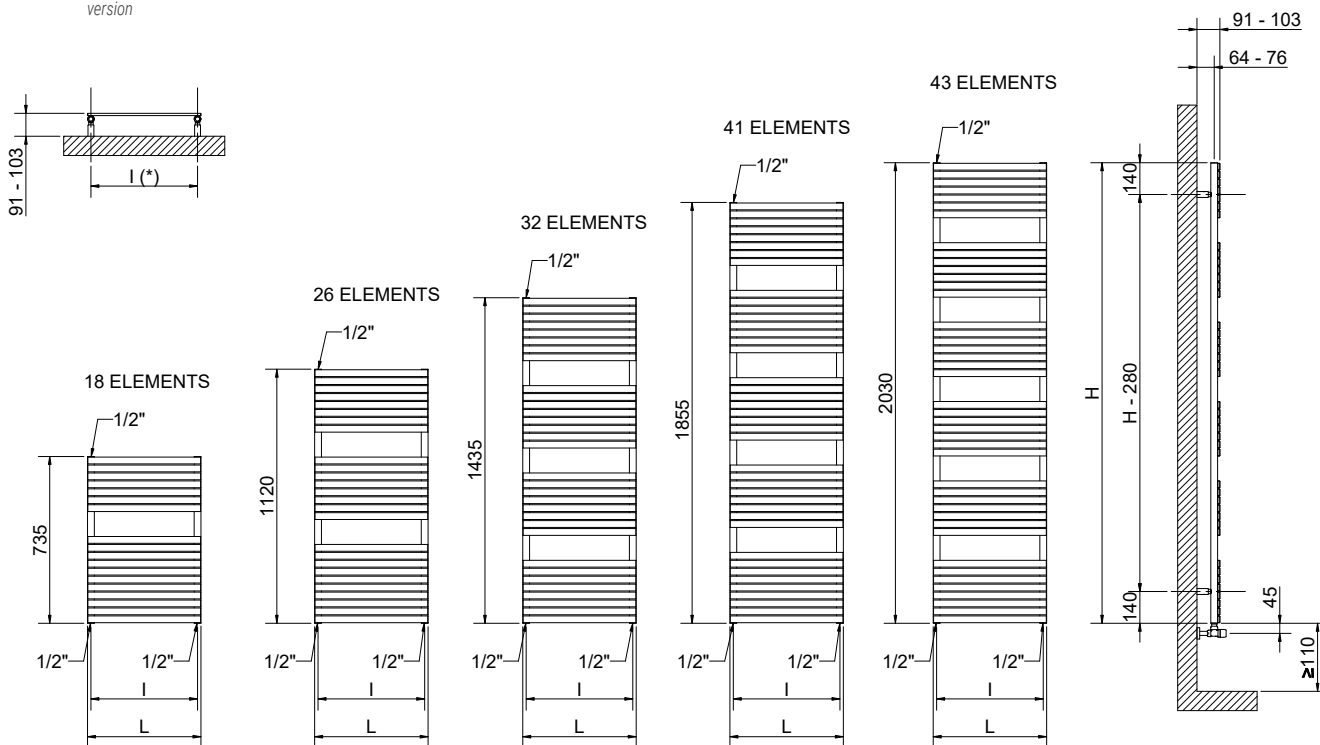
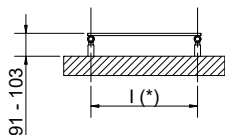
Art. nr. 5103000000062

Accessories and spare parts - see from page 453





Detail of the pipe centres 50 mm version



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

## STEFANIA SATIN STAINLESS STEEL

STEFANIA SATIN STAINLESS STEEL				Pipe centres 50 mm		Thermal output [Watt]					Dual energy kit
Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Art. nr.	Dry Weight [Kg]	Surface [m²]	Water content [lt]	Δt=50°C	Δt=30°C	Exp. n	[Watt]
735	400	370	3551610130200	3551610130220	8,0	0,71	2,2	228	123	1,2072	-
	500	470	3551610130204	3551610130224	9,5	0,85	2,5	283	152	1,2128	300
1120	400	370	3551610130201	3551610130221	11,6	1,04	3,2	325	174	1,2285	300
	500	470	3551610130205	3551610130225	13,8	1,25	3,7	399	213	1,2283	400
	600	570	3551610130209	3551610130229	16,0	1,45	4,2	474	253	1,2281	500
1435	400	370	3551610130202	3551610130222	14,4	1,29	4,0	402	213	1,2444	400
	500	470	3551610130206	3551610130226	17,1	1,55	4,6	491	261	1,2398	500
	600	570	3551610130210	3551610130230	19,8	1,80	5,3	579	308	1,2366	600
1855	400	370	3551610130203	3551610130223	18,4	1,66	5,2	529	277	1,2683	500
	500	470	3551610130207	3551610130227	21,9	1,99	6,0	636	335	1,2572	600
	600	570	3551610130211	3551610130231	25,4	2,32	6,8	744	393	1,2493	700
2030	500	470	3551610130208	3551610130228	23,2	2,10	6,4	670	352	1,2611	700
	600	570	3551610130212	3551610130232	26,8	2,44	7,2	782	413	1,2521	700
	800	770	3551610130213	3551610130233	34,2	3,13	8,8	1005	533	1,2401	1000

For output at different ΔT, please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$



# ALESSANDRA

## POLISHED | SATIN

## STAINLESS STEEL



page **118**

**WARRANTY**  
**10 YEARS**

### MATERIAL:

- Vertical collectors in polished/satin stainless steel  $\varnothing$  30 mm.
- Horizontal elements in polished/satin stainless steel 30x10 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 324)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



### Kristal valve square with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



### Kristal corner valve with thermostatic option chromed

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301148

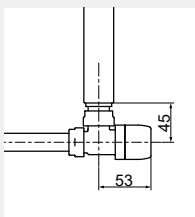
Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301147



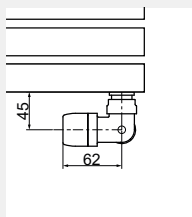
### Thermostatic head chromed

(Kit 2 pieces)

Art. nr. 5035270710015



Quotes for square Kristal valves with thermostatic option



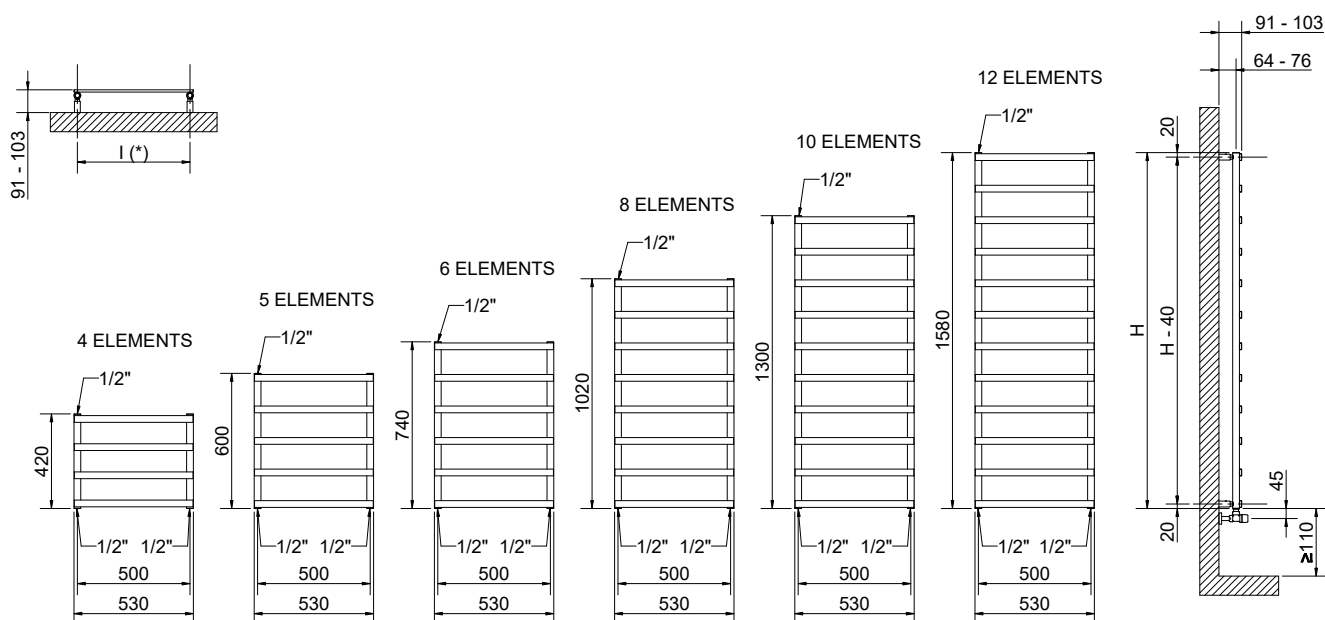
Quotes for corner Kristal valves with thermostatic option



### Pair of polished tube cover kit

Art. nr. 5103000000061

Accessories and spare parts - see from page 453



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

### ALESSANDRA POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		Exp. n
							Δt=50°C	Δt=30°C	
<b>420</b>	530	500	3551680400001	2,49	0,25	0,92	122	68	1,1437
<b>600</b>	530	500	3551680400002	3,25	0,32	1,24	152	85	1,1529
<b>740</b>	530	500	3551680400003	4,01	0,39	1,51	177	98	1,1601
<b>1020</b>	530	500	3551680400004	4,77	0,53	2,05	228	125	1,1814
<b>1300</b>	530	500	3551680400005	5,52	0,66	2,59	286	157	1,1804
<b>1580</b>	530	500	3551680400006	6,27	0,81	3,13	353	193	1,1795

For output at different ΔT, please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\text{n}$

### ALESSANDRA SATIN STAINLESS STEEL

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		Exp. n
							Δt=50°C	Δt=30°C	
<b>420</b>	530	500	3551680450001	2,49	0,25	0,92	125	70	1,1923
<b>600</b>	530	500	3551680450002	3,25	0,32	1,24	164	92	1,1928
<b>740</b>	530	500	3551680450003	4,01	0,39	1,51	193	108	1,2357
<b>1020</b>	530	500	3551680450004	4,77	0,53	2,05	251	139	1,2751
<b>1300</b>	530	500	3551680450005	5,52	0,66	2,59	310	170	1,2873
<b>1580</b>	530	500	3551680450006	6,27	0,81	3,13	372	201	1,2945

For output at different ΔT, please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\text{n}$



# LAURA

## POLISHED | SATIN

### STAINLESS STEEL



page **122**

**WARRANTY**  
**10 YEARS**

#### MATERIAL:

- Vertical collectors in polished/SATIN STAINLESS STEEL  $\varnothing$  30 mm.
- Horizontal elements in polished/SATIN STAINLESS STEEL  $\varnothing$  25 mm.

#### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

#### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

#### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

#### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

#### AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Electric (see page 326)

P. Max: 8 bar

Functioning: hot water

T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

## CERTIFICATES



## ACCESSORIES



**Kristal valve square with thermostatic option chromed**

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166



**Kristal corner valve with thermostatic option chromed**

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990301148

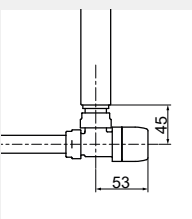
Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990301147



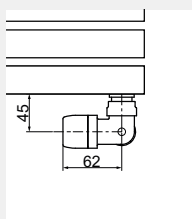
**Thermostatic head chromed**

(Kit 2 pieces)

Art. nr. 5035270710015



Quotes for square Kristal valves with thermostatic option



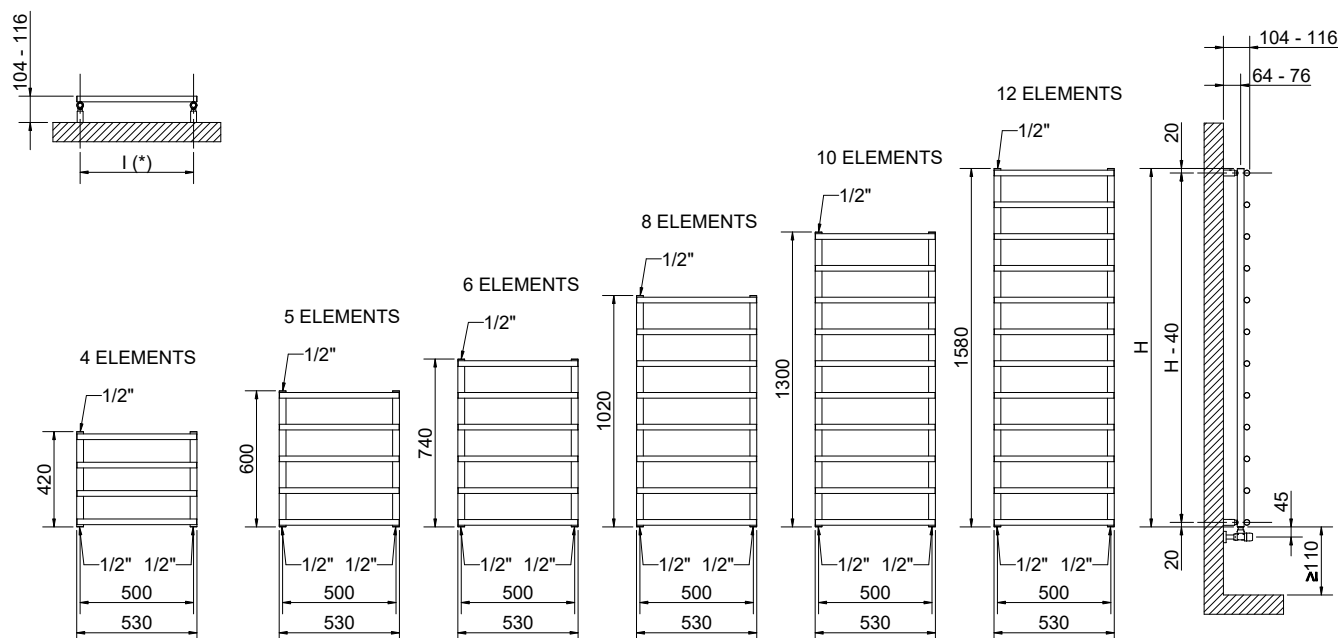
Quotes for corner Kristal valves with thermostatic option



**Pair of polished tube cover kit**

Art. nr. 5103000000061

Accessories and spare parts - see from page 453



(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

### LAURA POLISHED STAINLESS STEEL

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		
							Δt=50°C	Δt=30°C	Exp. n
<b>420</b>	530	500	3551570400001	2,57	0,25	1,32	112	63	1,1405
<b>600</b>	530	500	3551570400002	3,36	0,32	1,74	146	81	1,1542
<b>740</b>	530	500	3551570400003	4,03	0,39	2,11	173	95	1,1648
<b>1020</b>	530	500	3551570400004	5,41	0,53	2,86	228	124	1,1861
<b>1300</b>	530	500	3551570400005	6,80	0,66	3,60	288	158	1,1765
<b>1580</b>	530	500	3551570400006	8,18	0,80	4,34	354	193	1,1829

For output at different ΔT, please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$

### LAURA SATIN STAINLESS STEEL

Height [mm]	Width L [mm]	Pipe centres l [mm]	Art. nr.	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		
							Δt=50°C	Δt=30°C	Exp. n
<b>420</b>	530	500	3551570450001	2,57	0,25	1,32	121	68	1,1605
<b>600</b>	530	500	3551570450002	3,36	0,32	1,74	158	88	1,1742
<b>740</b>	530	500	3551570450003	4,03	0,39	2,11	187	103	1,1855
<b>1020</b>	530	500	3551570450004	5,41	0,53	2,86	247	134	1,2062
<b>1300</b>	530	500	3551570450005	6,80	0,66	3,60	312	171	1,1966
<b>1580</b>	530	500	3551570450006	8,18	0,80	4,34	383	209	1,2031

For output at different ΔT, please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$





# GIADA 18 POLISHED STAINLESS STEEL VERTICAL



page 126



WARRANTY  
10 YEARS

## RESTYLING

### MATERIAL:

- Horizontal collectors in polished stainless steel,  $\varnothing$  30 mm.
- Vertical elements in polished stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
Therm. output per el. $\Delta T = 50^\circ \text{C}$ [Watt]	11,3	13,6	16	20,4	24,7	29	33,2	35,3	37,3
Therm. output per el. $\Delta T = 30^\circ \text{C}$ [Watt]	5,8	7,1	8,2	10,5	12,7	14,8	16,9	18	19
Dry Weight per section [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672	0,714
Water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332	0,352
Element surface [m <sup>2</sup> ]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090	0,095
Exp. n	1,3347	1,2889	1,2912	1,2958	1,3005	1,3079	1,3152	1,3189	1,3225
Pipe centres I [mm] (V3-V4 only)	370	470	570	770	970	1170	1370	1470	1570

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ \text{C} \times (\text{desired } \Delta T / 50)^\text{n}$

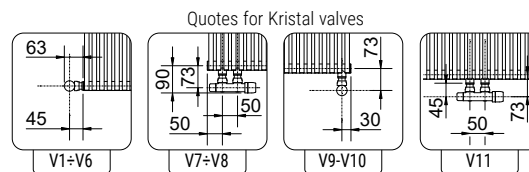
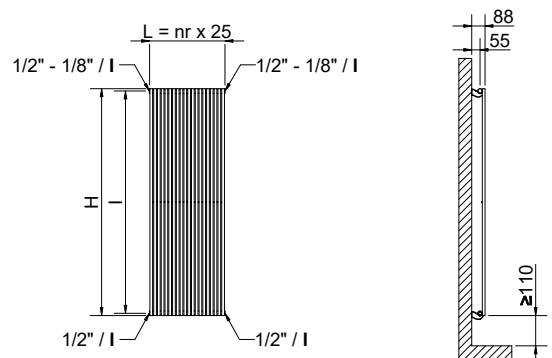
Height H [mm]	1700	1800	1900	2000	2200	2300
Therm. output per el. $\Delta T = 50^\circ \text{C}$ [Watt]	39,4	41,5	43,6	45,7	49,8	51,9
Therm. output per el. $\Delta T = 30^\circ \text{C}$ [Watt]	20,1	21,1	22,2	23,2	25,3	26,5
Dry Weight per section [kg]	0,756	0,798	0,840	0,882	0,966	1,008
Water content [lt]	0,372	0,392	0,412	0,432	0,472	0,492
Element surface [m <sup>2</sup> ]	0,101	0,106	0,112	0,118	0,129	0,135
Exp. n	1,3231	1,3236	1,3241	1,3246	1,3257	1,2813
Pipe centres I [mm] (V3-V4 only)	1670	1770	1870	1970	2170	2270

P. max: 8 bar

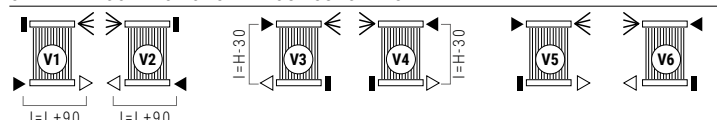
T. max: 110° C

Functioning: hot water

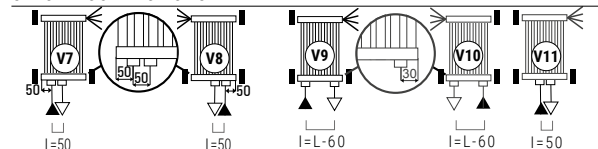
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



LEGENDA: ► In ► Out ◄ airvent H Height I pipe centres L width □ connection ■ welded cap

## HOW TO ORDER THE RADIATOR GIADA 18 POLISHED STAINLESS STEEL VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Art. nr. finishing:	Constant value
AAAA	BB	CCC	DDD	EEE	C	
EXAMPLE	GI18	24	140	V08	X01	C

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**GI18** GIADA 18 VERTICAL

**24** 24 elements (see the table shown on the side)

**140** Height 1400 mm (see the table shown on the side)

**V08** connection V8

**X01** finishing: polished stainless steel

**C** (Constant value)

The article code will be:

**GI18 24 140 V08 X01 C**

## ACCESSORIES

**Kristal valve square with thermostatic option chromed**

Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311165

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311166

**Kit 2 hooks polished stainless steel**

Art. nr. 5991990010216

**Thermostatic head chromed**

(Kit 2 pieces)

Art. nr. 5035270710015

Height H [mm]		400	500	600	800	1000	1200	1400	1500	1600
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	57	68	80	102	124	145	166	177	187
150	6	68	82	96	122	148	174	199	212	224
175	7	79	95	112	143	173	203	232	247	261
200	8	90	109	128	163	198	232	266	282	298
225	9	102	122	144	184	222	261	299	318	336
250	10	113	136	160	204	247	290	332	353	373
275	11	124	150	176	224	272	319	365	388	410
300	12	136	163	192	245	296	348	398	424	448
325	13	147	177	208	265	321	377	432	459	485
350	14	158	190	224	286	346	406	465	494	522
375	15	170	204	240	306	371	435	498	530	560
400	16	181	218	256	326	395	464	531	565	597
425	17	192	231	272	347	420	493	564	600	634
450	18	203	245	288	367	445	522	598	635	671
475	19	215	258	304	388	469	551	631	671	709
500	20	226	272	320	408	494	580	664	706	746
525	21	237	286	336	428	519	609	697	741	783
550	22	249	299	352	449	543	638	730	777	821
575	23	260	313	368	469	568	667	764	812	858
600	24	271	326	384	490	593	696	797	847	895
625	25	283	340	400	510	618	725	830	883	933
650	26	294	354	416	530	642	754	863	918	970
675	27	305	367	432	551	667	783	896	953	1007
700	28	316	381	448	571	692	812	930	988	1044
725	29	328	394	464	592	716	841	963	1024	1082
750	30	339	408	480	612	741	870	996	1059	1119
775	31	350	422	496	632	766	899	1029	1094	1156
800	32	362	435	512	653	790	928	1062	1130	1194
825	33	373	449	528	673	815	957	1096	1165	1231
850	34	384	462	544	694	840	986	1129	1200	1268
875	35	396	476	560	714					
900	36	407	490	576	734					
925	37	418	503	592	755					
950	38	429	517	608	775					
975	39	441	530	624	796					
1000	40	452	544	640	816					
1050	42	475	571	672	857					
1100	44	497	598	704	898					

All intermediate sizes are available for heights from 400 to 2300 mm

Height H [mm]		1700	1800	1900	2000	2200	2300
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	197	208	218	229	249	260
150	6	236	249	262	274	299	311
175	7	276	291	305	320	349	363
200	8	315	332	349	366	398	415
225	9	355	374	392	411	448	467
250	10	394	415	436	457	498	519
275	11	433	457	480	503	548	571
300	12	473	498	523	548	598	623
325	13	512	540	567	594	647	675
350	14	552	581	610	640	697	727
375	15	591	623	654	686	747	779
400	16	630	664	698	731	797	830
425	17	670	706	741	777	847	882
450	18	709	747	785	823	896	934
475	19	749	789	828	868	946	986
500	20	788	830	872	914	996	1038
525	21	827	872	916	960	1046	1090
550	22	867	913	959	1005	1096	1142
575	23	906	955	1003	1051	1145	1194
600	24	946	996	1046	1097	1195	1246
625	25	985	1038	1090	1143	1245	1298
650	26	1024	1079	1134	1188	1295	1349
675	27	1064	1121	1177	1234	1345	1401
700	28	1103	1162	1221	1280	1394	1453
725	29	1143	1204	1264	1325	1444	1505
750	30	1182	1245	1308	1371	1494	1557
775	31	1221	1287	1352	1417	1544	1609
800	32	1261	1328	1395	1462	1594	1661
825	33	1300	1370	1439	1508	1643	1713
850	34	1340	1411	1482	1554	1693	1765



# GIADA 18 POLISHED STAINLESS STEEL HORIZONTAL



page 128



**WARRANTY**  
**10 YEARS**

## RESTYLING

### MATERIAL:

- Vertical collectors in polished stainless steel,  $\varnothing$  30 mm.
- Horizontal elements in polished stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672
Water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332
Element surface [m²]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090
Pipe centres l [mm] (H1 only)	370	470	570	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T$ /50)<sup>n</sup>

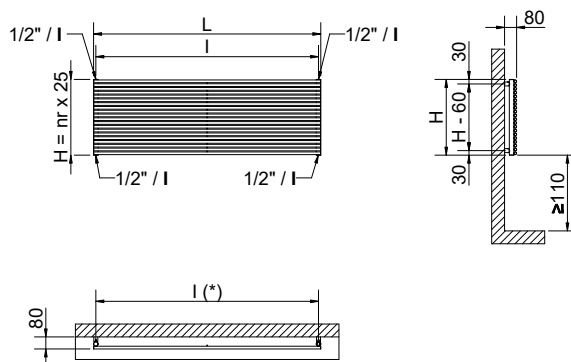
Width L [mm]	1600	1700	1800	1900	2000	2200	2300
Dry Weight per section [kg]	0,714	0,756	0,798	0,840	0,882	0,966	1,008
Water content [lt]	0,352	0,372	0,392	0,412	0,432	0,472	0,491
Element surface [m²]	0,095	0,101	0,106	0,112	0,118	0,129	0,135
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2170	2270

P. max: 8 bar

Functioning: hot water

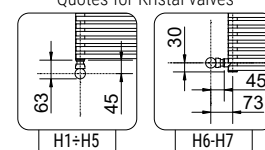
T. max: 110° C

Connections: n° 2 x 1/2" G - n° 1 da 1/8" G

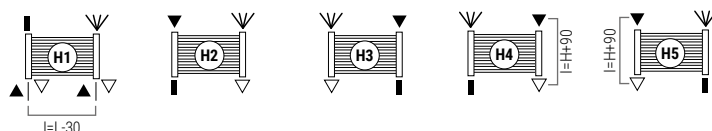


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

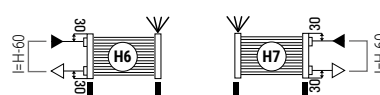


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR GIADA 18 POLISHED STAINLESS STEEL HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Art. nr. finishing:	Constant value
AAAA	BB	CCC	DDD	EEE	C	

EXAMPLE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Art. nr. finishing:	Constant value
GI18	GIADA 18 horizontal	24	800	H01	X01	C

EXAMPLE OF ARTICLE CODE CREATION
In the case of a radiator:
<b>GI18</b> GIADA 18 HORIZONTAL
<b>24</b> 24 elements (see the table shown on the side)
<b>080</b> width 800 mm (see the table shown on the side)
<b>H01</b> connection H1
<b>X01</b> finishing: polished stainless steel
<b>C</b> (Constant value)
The article code will be:
<b>GI18 24 080 H01 X01 C</b>

## ACCESSORIES

<p><b>Kristal valve square with thermostatic option chromed</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311165</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311166</p>	<p><b>Kristal valve corner with thermostatic option chromed</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990301148</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990301147</p>	<p><b>Pair of polished tube cover kit</b></p> <p>Art. nr. 5103000000061</p>
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# GIADA 18 POLISHED STAINLESS STEEL HORIZONTAL

INOX RANGE

Width L [mm]		400	500	600	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
125	5	39	49	58	78	97	117	136	146	48,0	1,3835
150	6	49	61	74	98	123	147	172	184	61,0	1,3776
175	7	60	75	89	119	149	179	209	224	74,0	1,3717
200	8	70	88	105	140	176	211	246	263	87,0	1,3658
225	9	81	101	121	162	202	243	283	304	101,0	1,3599
250	10	92	115	138	183	229	275	321	344	115,0	1,3540
275	11	102	128	154	205	256	307	359	384	129,0	1,3481
300	12	113	141	170	226	283	339	396	424	142,0	1,3422
325	13	124	155	185	247	309	371	433	464	156,0	1,3363
350	14	134	168	201	268	335	402	469	503	170,0	1,3305
375	15	144	180	216	289	361	433	505	541	183,0	1,3246
400	16	154	193	232	309	386	463	540	579	200,0	1,2831
425	17	164	205	246	329	411	493	575	616	214,0	1,2744
450	18	174	217	261	348	435	522	609	652	228,0	1,2657
475	19	183	229	275	367	458	550	642	688	241,0	1,2570
500	20	193	241	289	385	481	578	674	722	254,0	1,2483
525	21	201	252	302	403	504	604	705	756	265,0	1,2584
550	22	210	263	315	420	526	631	736	788	275,0	1,2684
575	23	219	273	328	437	547	656	765	820	284,0	1,2785
600	24	227	283	340	454	567	680	794	850	294,0	1,2885
625	25	235	293	352	469	587	704	821	880	302,0	1,2986
650	26	242	303	363	485	606	727	848	909	310,0	1,3086
675	27	250	312	374	499	624	749	874	936	318,0	1,3187
700	28	257	321	385	513	642	770	899	963	326,0	1,3288
725	29	264	329	395	527	659	791	922	988	335,0	1,3245
750	30	270	338	405	540	675	810	945	1013	344,0	1,3183
775	31	276	345	414	553	691	829	967	1036	353,0	1,3120
800	32	282	353	423	565	706	847	988	1059	362,0	1,3057
825	33	288	360	432	576	720	864	1008	1080	371,0	1,2994
850	34	294	367	440	587	734	881	1027	1101	379,0	1,2931
875	35	299	373	448	598					387,0	1,2869
900	36	304	380	456	607					395,0	1,2806
925	37	308	386	463	617					402,0	1,2743
950	38	313	391	469	626					410,0	1,2680
975	39	317	396	476	634					418,0	1,2617
1000	40	321	401	482	642					427,0	1,2554
1050	42	328	410	492	657					442,0	1,2491
1100	44	335	418	502	669					459,0	1,2428

All intermediate sizes are available for widths from 400 to 2300 mm

Width L [mm]		1600	1700	1800	1900	2000	2200	2300	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
125	5	156	165	175	185	195	214	224	48,0	1,3835
150	6	196	209	221	233	246	270	282	61,0	1,3776
175	7	238	253	268	283	298	328	343	74,0	1,3717
200	8	281	299	316	334	351	386	404	87,0	1,3658
225	9	324	344	364	385	405	445	466	101,0	1,3599
250	10	367	390	413	436	459	504	527	115,0	1,3540
275	11	410	435	461	487	512	563	589	129,0	1,3481
300	12	452	481	509	537	565	622	650	142,0	1,3422
325	13	495	525	556	587	618	680	711	156,0	1,3363
350	14	536	570	603	637	670	737	771	170,0	1,3305
375	15	577	613	649	686	722	794	830	183,0	1,3246
400	16	618	656	695	733	772	849	888	200,0	1,2831
425	17	657	698	739	780	821	904	945	214,0	1,2744
450	18	696	739	783	826	870	957	1000	228,0	1,2657
475	19	733	779	825	871	917	1008	1054	241,0	1,2570
500	20	770	818	867	915	963	1059	1107	254,0	1,2483
525	21	806	856	907	957	1007	1108	1159	265,0	1,2584
550	22	841	893	946	998	1051	1156	1209	275,0	1,2684
575	23	874	929	984	1038	1093	1202	1257	284,0	1,2785
600	24	907	964	1020	1077	1134	1247	1304	294,0	1,2885
625	25	939	997	1056	1115	1173	1291	1349	302,0	1,2986
650	26	969	1030	1090	1151	1211	1333	1393	310,0	1,3086
675	27	999	1061	1123	1186	1248	1373	1435	318,0	1,3187
700	28	1027	1091	1155	1219	1284	1412	1476	326,0	1,3288
725	29	1054	1120	1186	1252	1318	1449	1515	335,0	1,3245
750	30	1080	1148	1215	1283	1350	1485	1553	344,0	1,3183
775	31	1105	1174	1243	1313	1382	1520	1589	353,0	1,3120
800	32	1129	1200	1270	1341	1412	1553	1623	362,0	1,3057
825	33	1152	1224	1296	1368	1440	1584	1656	371,0	1,2994
850	34	1174	1247	1321	1394	1468	1614	1688	379,0	1,2931

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# GIADA 18 SATIN STAINLESS STEEL VERTICAL



page 127



**WARRANTY**  
**10 YEARS**

## RESTYLING

### MATERIAL:

- Horizontal collectors in satin stainless steel,  $\varnothing$  30 mm.
- Vertical elements in satin stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
Therm. output per el. $\Delta T = 50^\circ\text{C}$ [Watt]	11,8	14,1	16,6	21,2	25,7	30,2	34,5	36,7	38,8
Therm. output per el. $\Delta T = 30^\circ\text{C}$ [Watt]	6,0	7,4	8,5	10,9	13,2	15,4	17,6	18,7	19,8
Dry Weight per section [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672	0,714
Element water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332	0,352
Element surface [m <sup>2</sup> ]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090	0,095
Exp. n	1,3612	1,2981	1,3025	1,3063	1,3106	1,3183	1,3254	1,3292	1,3322
Pipe centres I [mm] (V3-V4 only)	370	470	570	770	970	1170	1370	1470	1570

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\text{n}$

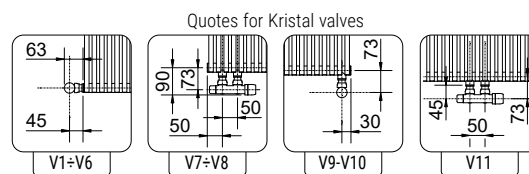
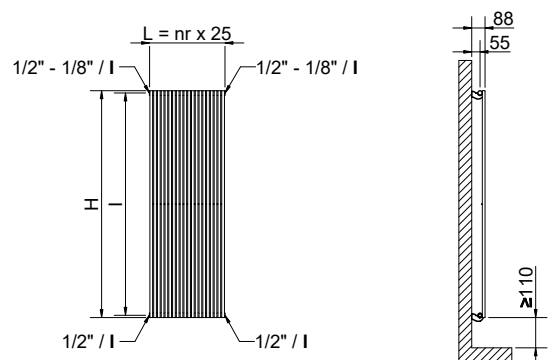
Height H [mm]	1700	1800	1900	2000	2200
Therm. output per el. $\Delta T = 50^\circ\text{C}$ [Watt]	41,0	43,2	45,3	47,5	51,8
Therm. output per el. $\Delta T = 30^\circ\text{C}$ [Watt]	20,9	21,9	23,1	24,1	26,3
Dry Weight per section [kg]	0,756	0,798	0,840	0,882	0,966
Water content [lt]	0,372	0,392	0,412	0,432	0,472
Element surface [m <sup>2</sup> ]	0,101	0,106	0,112	0,118	0,129
Exp. n	1,3329	1,3336	1,3342	1,3348	1,3459
Pipe centres I [mm] (V3-V4 only)	1670	1770	1870	1970	2170

P. max: 8 bar

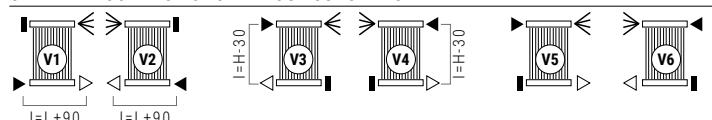
T. max: 110° C

Functioning: hot water

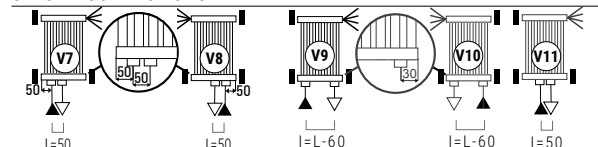
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In ► Out ◄ airvent H Height I pipe centres L width □ connection ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR GIADA 18 SATIN STAINLESS STEEL VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Art. nr. finishing:	Constant value
AAAA	BB	CCC	DDD	EEE	C	
<b>EXAMPLE</b>	GI18	24	160	V08	X02	C

**EXAMPLE OF ARTICLE CODE CREATION**  
In the case of a radiator:  
**GI18** GIADA 18 VERTICAL  
**24** 24 elements (see the table shown on the side)  
**160** Height 1600 mm (see the table shown on the side)  
**V08** connection V8  
**X02** finishing: SATIN STAINLESS STEEL  
**C** (Constant value)  
The article code will be:  
**GI18 24 160 V08 X02 C**

## ACCESSORIES

### Kristal valve square with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321143

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321144



### Kit 2 hooks SATIN STAINLESS STEEL

Art. nr. 5991990010217



### Thermostatic head satin

(Kit 2 pieces)

Art. nr. 5035270710018



Height H [mm]		400	500	600	800	1000	1200	1400	1500	1600
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	59	71	83	106	128	151	173	184	194
150	6	71	85	100	127	154	181	207	220	233
175	7	82	99	116	149	180	211	242	257	272
200	8	94	113	133	170	206	241	276	294	310
225	9	106	127	150	191	231	271	311	330	349
250	10	118	141	166	212	257	302	345	367	388
275	11	129	156	183	233	283	332	380	404	427
300	12	141	170	200	255	308	362	414	441	466
325	13	153	184	216	276	334	392	449	477	504
350	14	165	198	233	297	360	422	483	514	543
375	15	176	212	250	318	385	452	518	551	582
400	16	188	226	266	339	411	483	552	587	621
425	17	200	240	283	361	437	513	587	624	659
450	18	212	255	300	382	462	543	622	661	698
475	19	223	269	316	403	488	573	656	698	737
500	20	235	283	333	424	514	603	691	734	776
525	21	247	297	349	446	539	633	725	771	815
550	22	259	311	366	467	565	664	760	808	853
575	23	270	325	383	488	591	694	794	844	892
600	24	282	339	399	509	617	724	829	881	931
625	25	294	354	416	530	642	754	863	918	970
650	26	306	368	433	552	668	784	898	955	1009
675	27	317	382	449	573	694	814	932	991	1047
700	28	329	396	466	594	719	844	967	1028	1086
725	29	341	410	483	615	745	875	1001	1065	1125
750	30	353	424	499	636	771	905	1036	1101	1164
775	31	364	438	516	658	796	935	1070	1138	1203
800	32	376	453	532	679	822	965	1105	1175	1241
825	33	388	467	549	700	848	995	1139	1211	1280
850	34	400	481	566	721	873	1025	1174	1248	1319
875	35	411	495	582	743					
900	36	423	509	599	764					
925	37	435	523	616	785					
950	38	447	537	632	806					
975	39	458	552	649	827					
1000	40	470	566	666	849					
1050	42	494	594	699	891					
1100	44	517	622	732	934					

All intermediate sizes are available for heights from 400 to 2000 mm

Height H [mm]		1700	1800	1900	2000
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	205	216	227	238
150	6	246	259	272	285
175	7	287	302	317	333
200	8	328	345	363	380
225	9	369	388	408	428
250	10	410	432	453	475
275	11	451	475	499	523
300	12	492	518	544	570
325	13	533	561	589	618
350	14	574	604	635	665
375	15	615	647	680	713
400	16	656	691	726	760
425	17	697	734	771	808
450	18	738	777	816	856
475	19	779	820	862	903
500	20	820	863	907	951
525	21	860	906	952	998
550	22	901	950	998	1046
575	23	942	993	1043	1093
600	24	983	1036	1088	1141
625	25	1024	1079	1134	1188
650	26	1065	1122	1179	1236
675	27	1106	1165	1224	1283
700	28	1147	1208	1270	1331
725	29	1188	1252	1315	1378
750	30	1229	1295	1360	1426
775	31	1270	1338	1406	1473
800	32	1311	1381	1451	1521
825	33	1352	1424	1496	1568
850	34	1393	1467	1542	1616

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# GIADA 18 SATIN STAINLESS STEEL HORIZONTAL



page 129



**WARRANTY**  
**10 YEARS**

## RESTYLING

### MATERIAL:

- Vertical collectors in satin stainless steel,  $\varnothing$  30 mm.
- Horizontal elements in satin stainless steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672
Element water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332
Element surface [m²]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090
Pipe centres l [mm] (H1 only)	370	470	570	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T$ /50)<sup>n</sup>

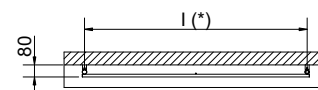
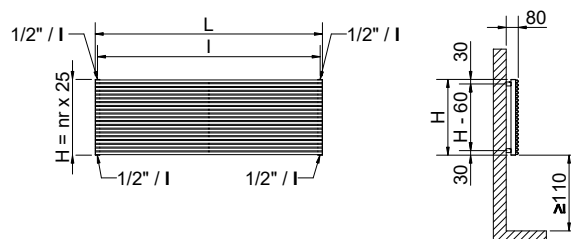
Width L [mm]	1600	1700	1800	1900	2000	2200
Dry Weight per section [kg]	0,714	0,756	0,798	0,840	0,882	0,966
Element water content [lt]	0,352	0,372	0,392	0,412	0,432	0,472
Element surface [m²]	0,095	0,101	0,106	0,112	0,118	0,129
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2170

P. Max: 8 bar

T. Max: 110° C

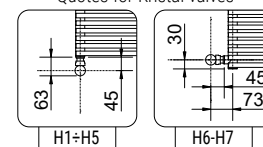
Functioning: hot water

Connections: ° 2 x 1/2" G - 1 x 1/2" G

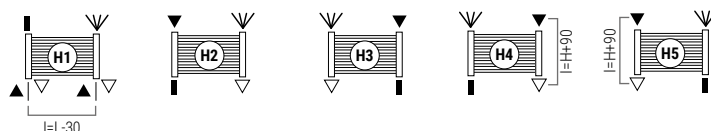


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

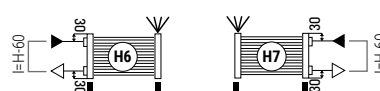


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In ◄ Out ◄◄ airvent H Height l pipe centres L width □ connection ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR GIADA 18 SATIN STAINLESS STEEL HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Art. nr. finishing:	Constant value
AAAA	BB	CCC	DDD	EEE	C	
<b>EXAMPLE</b>	GI18	24	120	H01	X02	C
	Radiator model E.g.: GIADA 18 horizontal	Nr of Elements E.g.: 24 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H1	Art. nr. finishing: Example: SATIN STAINLESS STEEL	Constant value

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**GI18** GIADA 18 HORIZONTAL

**24** 24 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H01** connection H1

**X02** finishing: SATIN STAINLESS STEEL

**C** (Constant value)

The article code will be:

**GI18 24 120 H01 X02 C**

## ACCESSORIES

### Kristal valve square with thermostatic option satin



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321143

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321144

### Kristal valve corner with thermostatic option chromed



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990321134

Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990321133

### Pair of satin tube cover kit



Art. nr. 5103000000062

# GIADA 18 SATIN STAINLESS STEEL HORIZONTAL

INOX RANGE

Width L [mm]	400	500	600	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
125	5	40	51	61	81	101	121	142	49,9	1,3935
150	6	51	64	77	102	128	153	179	63,4	1,3876
175	7	62	77	93	124	155	186	217	77,0	1,3817
200	8	73	91	110	146	183	219	256	90,5	1,3758
225	9	84	105	126	168	210	253	295	105,0	1,3699
250	10	95	119	143	191	238	286	334	119,6	1,3640
275	11	107	133	160	213	266	320	373	134,2	1,3581
300	12	118	147	176	235	294	353	412	147,7	1,3522
325	13	129	161	193	257	321	386	450	162,2	1,3463
350	14	139	174	209	279	349	418	488	176,8	1,3405
375	15	150	188	225	300	375	450	525	190,3	1,3346
400	16	161	201	241	321	401	482	562	208,0	1,2932
425	17	171	214	256	342	427	513	598	222,6	1,2844
450	18	181	226	271	362	452	543	633	237,1	1,2757
475	19	191	238	286	381	477	572	667	250,6	1,2670
500	20	200	250	300	401	501	601	701	264,2	1,2583
525	21	210	262	314	419	524	629	733	275,6	1,2684
550	22	219	273	328	437	547	656	765	286,0	1,2784
575	23	227	284	341	455	568	682	796	295,4	1,2885
600	24	236	295	354	472	590	707	825	305,8	1,2986
625	25	244	305	366	488	610	732	854	314,1	1,3086
650	26	252	315	378	504	630	756	882	322,4	1,3187
675	27	260	325	389	519	649	779	909	330,7	1,3287
700	28	267	334	400	534	667	801	934	339,0	1,3388
725	29	274	343	411	548	685	822	959	348,4	1,3345
750	30	281	351	421	562	702	843	983	357,8	1,3283
775	31	287	359	431	575	718	862	1006	367,1	1,3220
800	32	294	367	440	587	734	881	1028	376,5	1,3157
825	33	300	374	449	599	749	899	1048	385,8	1,3094
850	34	305	382	458	611	763	916	1068	394,2	1,3031
875	35	311	388	466	621				402,5	1,2969
900	36	316	395	474	632				410,8	1,2906
925	37	321	401	481	641				418,1	1,2843
950	38	325	407	488	651				426,4	1,2780
975	39	330	412	495	660				434,7	1,2717
1000	40	334	417	501	668				444,1	1,2654
1050	42	341	427	512	683				459,7	1,2591
1100	44	348	435	522	696				477,4	1,2528

All intermediate sizes are available for widths from 400 to 2000 mm

Width L [mm]	1600	1700	1800	1900	2000	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
125	5	162	172	182	192	202	1,3935
150	6	204	217	230	243	255	1,3876
175	7	248	263	279	294	310	1,3817
200	8	292	310	329	347	365	1,3758
225	9	337	358	379	400	421	1,3699
250	10	382	405	429	453	477	1,3640
275	11	426	453	479	506	533	1,3581
300	12	470	500	529	559	588	1,3522
325	13	514	546	579	611	643	1,3463
350	14	558	593	627	662	697	1,3405
375	15	600	638	675	713	750	1,3346
400	16	642	682	723	763	803	1,2932
425	17	683	726	769	812	854	1,2844
450	18	724	769	814	859	904	1,2757
475	19	763	810	858	906	953	1,2670
500	20	801	851	901	951	1001	1,2583
525	21	838	891	943	995	1048	1,2684
550	22	874	929	984	1038	1093	1,2784
575	23	909	966	1023	1080	1137	1,2885
600	24	943	1002	1061	1120	1179	1,2986
625	25	976	1037	1098	1159	1220	1,3086
650	26	1008	1071	1134	1197	1260	1,3187
675	27	1039	1103	1168	1233	1298	1,3287
700	28	1068	1135	1201	1268	1335	1,3388
725	29	1096	1165	1233	1302	1370	1,3345
750	30	1123	1194	1264	1334	1404	1,3283
775	31	1149	1221	1293	1365	1437	1,3220
800	32	1174	1248	1321	1395	1468	1,3157
825	33	1198	1273	1348	1423	1498	1,3094
850	34	1221	1297	1374	1450	1526	1,3031

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# ELSA POLISHED STAINLESS STEEL



page 130



**WARRANTY**  
**10 YEARS**

## MATERIAL:

- Horizontal collectors in polished stainless steel,  $\varnothing$  30 mm.
- Vertical elements in polished stainless steel  $\varnothing$  38 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	1800	2000
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	81	90
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	42	46,9
Dry Weight per section [kg]	2,48	2,75
Element water content [lt]	1,82	1,95
Element surface [m <sup>2</sup> ]	0,225	0,249
Exp. n	1,2842	1,2759
Pipe centres l [mm] (V3-V4 only)	1770	1970

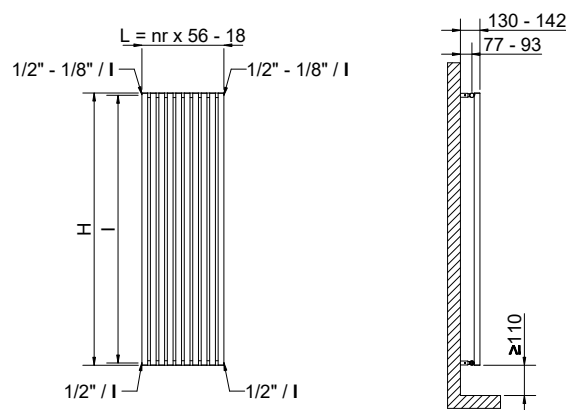
For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50 \times (\text{desired } \Delta T / 50)^n$

P. max: 8 bar

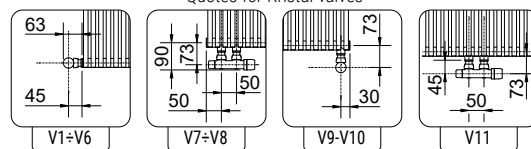
T. max: 110° C

Functioning: hot water

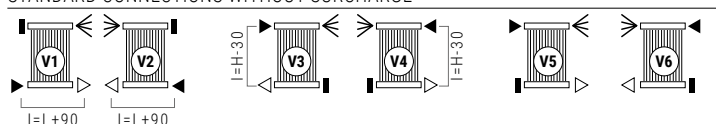
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



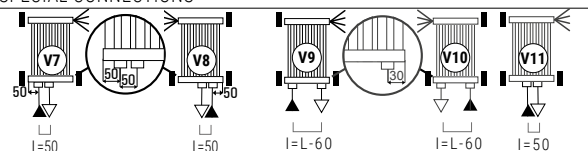
Quotes for Kristal valves



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In ◄ Out ◄◄ airvent H Height l pipe centres L width □ connection ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ELSA POLISHED STAINLESS STEEL

ARTICLE NR. STRUCTURE						
Radiator model		Nr of Elements	Height in cm	Code of the connection	Art. nr. finishing:	Constant value
AAAA	BB	CCC	DDD	EEE		A

EXAMPLE						
Radiator model E.g.: Elsa polished stainless steel		Nr of Elements E.g.: 7 elements	Height in cm Example: 2000 mm	Code of the connection Example: connection V1	Art. nr. finishing: Example: polished stainless steel	Constant value
EL38	07	200	V01	X01	A	

**EXAMPLE OF ARTICLE CODE CREATION**

In the case of a radiator:

**EL38** ELSA POLISHED STAINLESS STEEL

**07** 7 elements (see the table shown on the side)

**200** Height 2000 mm (see the table shown on the side)

**V01** connection V1

**X01** finishing: polished stainless steel

**A** (Constant value)

The article code will be:

**EL38 07 200 V01 X01 A**

## ACCESSORIES

<p><b>Kristal valve square with thermostatic option chromed</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311165</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311166</p>	<p><b>Kristal valve corner with thermostatic option chromed</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990301148</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990301147</p>	<p><b>Thermostatic head chromed</b></p> <p>(Kit 2 pieces) Art. nr. 5035270710015</p>
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Height H [mm] **1800**

Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$
<b>374</b>	7	567	294
<b>430</b>	8	648	336
<b>486</b>	9	729	378
<b>542</b>	10	810	420
<b>598</b>	11	891	462
<b>654</b>	12	972	504
<b>710</b>	13	1053	546
<b>766</b>	14	1134	588
<b>822</b>	15	1215	630

Height H [mm] **2000**

Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$
<b>374</b>	7	630	328
<b>430</b>	8	720	375
<b>486</b>	9	810	422
<b>542</b>	10	900	469
<b>598</b>	11	990	516
<b>654</b>	12	1080	563
<b>710</b>	13	1170	610
<b>766</b>	14	1260	657
<b>822</b>	15	1350	704

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# ROSY VERTICAL



page 134



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  38 mm.
- Vertical heating elements in painted mild steel 50x10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

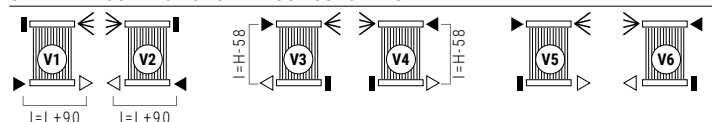
For the complete list, please refer to the accessories chapter.

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	28	34,6	41,1	47,5	53,8	66,3	78,6	90,6	96,5
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	14,5	17,9	21,2	24,6	27,8	34,3	40,7	47,0	50,0
Dry Weight per section [kg]	0,557	0,666	0,775	0,883	0,992	1,210	1,427	1,645	1,753
Element water content [lt]	0,256	0,292	0,329	0,365	0,401	0,474	0,546	0,619	0,655
Element surface [m <sup>2</sup> ]	0,061	0,073	0,085	0,097	0,109	0,133	0,157	0,181	0,193
Exp. n	1,2935	1,2928	1,2922	1,2914	1,2907	1,2894	1,2881	1,2867	1,2860
Pipe centres I [mm] (V3-V4 only)	342	442	542	642	742	942	1142	1342	1442

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C}$  x (desired  $\Delta T/50$ )<sup>n</sup>

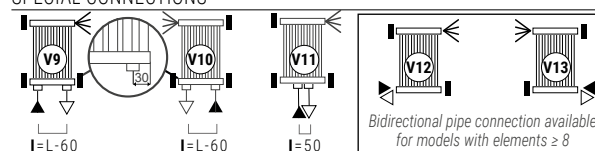
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	102	108	114	120	126	131	137	142	153
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	52,9	56,0	59,2	62,3	65,4	68,1	71,2	73,8	79,6
Dry Weight per section [kg]	1,862	1,971	2,080	2,188	2,297	2,406	2,515	2,623	2,841
Element water content [lt]	0,691	0,727	0,764	0,800	0,836	0,872	0,909	0,945	1,017
Element surface [m <sup>2</sup> ]	0,205	0,217	0,229	0,241	0,253	0,265	0,277	0,289	0,313
Exp. n	1,2854	1,2847	1,2840	1,2833	1,2826	1,2820	1,2813	1,2806	1,2792
Pipe centres I [mm] (V3-V4 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442

## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    I pipe centres    L width

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.

## HOW TO ORDER THE RADIATOR ROSY VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Rosy vertical	Nr of Elements E.g.: 12 elements	Height in cm Example: 1500 mm	Code of the connection Example: connection V1	Code of the colour Example: R01 - White	Constant value
	R050	12	150	V01	R01	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**R050** ROSY VERTICAL

**12** 12 elements (see the table shown on the side)

**150** Height 1500 mm (see the table shown on the side)

**V01** connection V1

**R01** colour R01 - White (see page 486)

**A** (Constant value)

The article code will be:

**R050 12 150 V01 R01 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kit 2 hooks white R01</b></p> <p>Art. nr. 5991990310389</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# ROSY VERTICAL

Height H [mm]		400	500	600	700	800	1000	1200	1400	1500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
224	4	112	138	164	190	215	265	314	362	386
280	5	140	173	206	238	269	332	393	453	483
336	6	168	208	247	285	323	398	472	544	579
392	7	196	242	288	333	377	464	550	634	676
448	8	224	277	329	380	430	530	629	725	772
504	9	252	311	370	428	484	597	707	815	869
560	10	280	346	411	475	538	663	786	906	965
616	11	308	381	452	523	592	729	865	997	1062
672	12	336	415	493	570	646	796	943	1087	1158
728	13	364	450	534	618	699	862	1022	1178	1255
784	14	392	484	575	665	753	928	1100	1268	1351
840	15	420	519	617	713	807	995	1179	1359	1448
896	16	448	554	658	760	861	1061	1258	1450	1544
952	17	476	588	699	808	915	1127	1336	1540	1641
1008	18	504	623	740	855	968	1193	1415	1631	1737
1064	19	532	657	781	903	1022	1260	1493	1721	1834
1120	20	560	692	822	950	1076	1326	1572	1812	1930
1176	21	588	727	863	998	1130	1392	1651	1903	2027
1232	22	616	761	904	1045	1184	1459	1729	1993	2123
1288	23	644	796	945	1093	1237	1525	1808	2084	2220
1344	24	672	830	986	1140	1291	1591	1886	2174	2316
1400	25	700	865	1028	1188	1345	1658	1965	2265	2413
1456	26	728	900	1069	1235	1399	1724	2044	2356	2509
1512	27	756	934	1110	1283	1453	1790	2122	2446	2606
1568	28	784	969	1151	1330	1506	1856	2201	2537	2702
1624	29	812	1003	1192	1378	1560	1923	2279	2627	2799
1680	30	840	1038	1233	1425	1614	1989	2358	2718	2895
1736	31	868	1073	1274	1473	1668	2055	2437	2809	2992
1792	32	896	1107	1315	1520	1722	2122	2515	2899	3088

All intermediate sizes are available for widths from 4 to 32 elements and heights from 400 to 2500 mm

Height H [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
224	4	408	432	456	480	504	524	548	568	612
280	5	510	540	570	600	630	655	685	710	765
336	6	612	648	684	720	756	786	822	852	918
392	7	714	756	798	840	882	917	959	994	1071
448	8	816	864	912	960	1008	1048	1096	1136	1224
504	9	918	972	1026	1080	1134	1179	1233	1278	1377
560	10	1020	1080	1140	1200	1260	1310	1370	1420	1530
616	11	1122	1188	1254	1320	1386	1441	1507	1562	1683
672	12	1224	1296	1368	1440	1512	1572	1644	1704	1836
728	13	1326	1404	1482	1560	1638	1703	1781	1846	1989
784	14	1428	1512	1596	1680	1764	1834	1918	1988	2142
840	15	1530	1620	1710	1800	1890	1965	2055	2130	2295
896	16	1632	1728	1824	1920	2016	2096	2192	2272	2448
952	17	1734	1836	1938	2040	2142	2227	2329	2414	2601
1008	18	1836	1944	2052	2160	2268	2358	2466	2556	2754
1064	19	1938	2052	2166	2280	2394	2489	2603	2698	2907
1120	20	2040	2160	2280	2400	2520	2620	2740	2840	3060
1176	21	2142	2268	2394	2520	2646	2751	2877	2982	3213
1232	22	2244	2376	2508	2640	2772	2882	3014	3124	3366
1288	23	2346	2484	2622	2760	2898	3013	3151	3266	3519
1344	24	2448	2592	2736	2880	3024	3144	3288	3408	3672
1400	25	2550	2700	2850	3000	3150	3275	3425	3550	3825
1456	26	2652	2808	2964	3120	3276	3406	3562	3692	3978
1512	27	2754	2916	3078	3240	3402	3537	3699	3834	4131
1568	28	2856	3024	3192	3360	3528	3668	3836	3976	4284
1624	29	2958	3132	3306	3480	3654	3799	3973	4118	4437
1680	30	3060	3240	3420	3600	3780	3930	4110	4260	4590
1736	31	3162	3348	3534	3720	3906	4061	4247	4402	4743
1792	32	3264	3456	3648	3840	4032	4192	4384	4544	4896

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# ROSY HORIZONTAL



page 136



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  38 mm.
- Rectangular horizontal heating elements in painted mild steel 50x10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,56	0,67	0,77	0,88	0,99	1,21	1,43	1,64	1,75
Element water content [lt]	0,256	0,292	0,329	0,365	0,401	0,474	0,546	0,619	0,655
Element surface [m²]	0,061	0,073	0,085	0,097	0,109	0,133	0,157	0,181	0,193
Pipe centres l [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

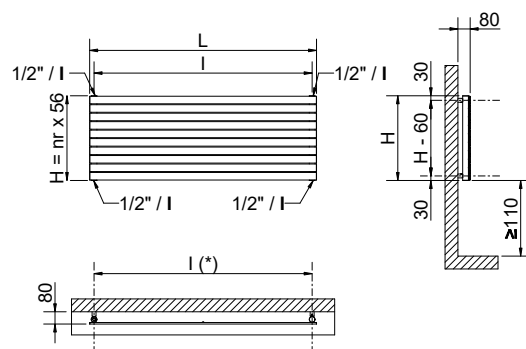
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,86	1,97	2,08	2,19	2,30	2,41	2,51	2,62	2,84
Element water content [lt]	0,691	0,727	0,764	0,800	0,836	0,872	0,909	0,945	1,017
Element surface [m²]	0,205	0,217	0,229	0,241	0,253	0,265	0,277	0,289	0,313
Pipe centres l [mm] (H1 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442

P. Max: 5 bar

T. Max: 110° C

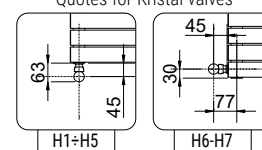
Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

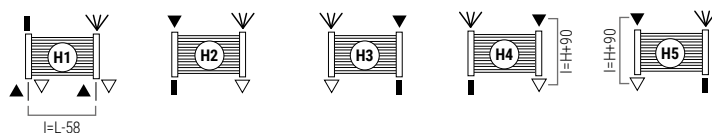


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

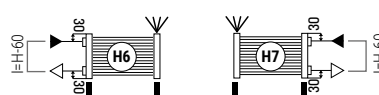


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In   ► Out   ◀ airvent   H Height   l pipe centres   L width   □ connection   ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ROSY HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Rosy horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1500 mm	Code of the connection Example: connection H1	Code of the colour Example: R01 - White	Constant value
	R050	12	150	H01	R01	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**R050** ROSY HORIZONTAL

**12** 12 elements (see the table shown on the side)

**150** width 1500 mm (see the table shown on the side)

**H01** connection H1

**R01** colour R01 - White (see page 486)

**A** (Constant value)

The article code will be:

**R050 12 150 H01 R01 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

### Kristal valve square with thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311161  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311160

### Kristal valve corner With thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311176  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311175

### Thermostatic head white



(Kit 2 pieces)  
Art. nr. 5035270710016

# ROSY HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
224	4	112	140	168	196	224	280	336	392	420	149	1,2375
280	5	137	172	206	241	275	344	412	481	515	183	1,2378
336	6	162	203	244	284	325	406	487	568	609	216	1,2380
392	7	187	234	280	327	374	467	560	654	701	248	1,2383
448	8	211	264	317	370	422	528	634	739	792	280	1,2386
504	9	235	294	353	412	470	588	706	823	882	312	1,2389
560	10	259	324	388	453	518	647	776	906	971	344	1,2392
616	11	282	353	424	494	565	706	847	988	1059	375	1,2394
672	12	306	383	459	536	612	765	918	1071	1148	406	1,2397
728	13	329	412	494	576	658	823	988	1152	1235	437	1,2400
784	14	352	441	529	617	705	881	1057	1233	1322	468	1,2403
840	15	376	470	563	657	751	939	1127	1315	1409	498	1,2405
896	16	399	499	598	698	798	997	1196	1396	1496	529	1,2408
952	17	422	527	632	738	843	1054	1265	1476	1581	559	1,2411
1008	18	444	556	667	778	889	1111	1333	1555	1667	589	1,2414
1064	19	467	584	701	818	934	1168	1402	1635	1752	619	1,2416
1120	20	490	613	735	858	980	1225	1470	1715	1838	650	1,2419
1176	21	513	641	769	897	1026	1282	1538	1795	1923	680	1,2422
1232	22	536	670	803	937	1071	1339	1607	1875	2009	710	1,2425
1288	23	558	698	837	977	1116	1395	1674	1953	2093	739	1,2427
1344	24	581	726	871	1016	1162	1452	1742	2033	2178	769	1,2430
1400	25	603	754	905	1056	1206	1508	1810	2111	2262	799	1,2433
1456	26	626	782	938	1095	1251	1564	1877	2190	2346	829	1,2436
1512	27	648	810	972	1134	1296	1620	1944	2268	2430	858	1,2439
1568	28	670	838	1006	1173	1341	1676	2011	2346	2514	888	1,2441
1624	29	693	866	1039	1212	1386	1732	2078	2425	2598	917	1,2444
1680	30	715	894	1073	1252	1430	1788	2146	2503	2682	947	1,2447
1736	31	738	922	1106	1291	1475	1844	2213	2582	2766	976	1,2450
1792	32	760	950	1140	1330	1520	1900	2280	2660	2850	1006	1,2452

All intermediate sizes are available for widths from 4 to 32 elements and heights from 400 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
224	4	448	476	504	532	560	588	616	644	700	149	1,2375
280	5	550	584	619	654	688	722	757	791	860	183	1,2378
336	6	650	690	731	771	812	853	893	934	1015	216	1,2380
392	7	747	794	841	887	934	981	1027	1074	1168	248	1,2383
448	8	845	898	950	1003	1056	1109	1162	1214	1320	280	1,2386
504	9	941	1000	1058	1117	1176	1235	1294	1352	1470	312	1,2389
560	10	1035	1100	1165	1229	1294	1359	1423	1488	1618	344	1,2392
616	11	1130	1200	1271	1341	1412	1483	1553	1624	1765	375	1,2394
672	12	1224	1301	1377	1454	1530	1607	1683	1760	1913	406	1,2397
728	13	1317	1399	1481	1564	1646	1728	1811	1893	2058	437	1,2400
784	14	1410	1498	1586	1674	1762	1850	1938	2026	2203	468	1,2403
840	15	1502	1596	1690	1784	1878	1972	2066	2160	2348	498	1,2405
896	16	1595	1695	1795	1894	1994	2094	2193	2293	2493	529	1,2408
952	17	1686	1792	1897	2003	2108	2213	2319	2424	2635	559	1,2411
1008	18	1778	1889	2000	2111	2222	2333	2444	2555	2778	589	1,2414
1064	19	1869	1986	2102	2219	2336	2453	2570	2686	2920	619	1,2416
1120	20	1960	2083	2205	2328	2450	2573	2695	2818	3063	650	1,2419
1176	21	2051	2179	2308	2436	2564	2692	2820	2949	3205	680	1,2422
1232	22	2142	2276	2410	2544	2678	2812	2946	3080	3348	710	1,2425
1288	23	2232	2372	2511	2651	2790	2930	3069	3209	3488	739	1,2427
1344	24	2323	2468	2614	2759	2904	3049	3194	3340	3630	769	1,2430
1400	25	2413	2564	2714	2865	3016	3167	3318	3468	3770	799	1,2433
1456	26	2502	2659	2815	2972	3128	3284	3441	3597	3910	829	1,2436
1512	27	2592	2754	2916	3078	3240	3402	3564	3726	4050	858	1,2439
1568	28	2682	2849	3017	3184	3352	3520	3687	3855	4190	888	1,2441
1624	29	2771	2944	3118	3291	3464	3637	3810	3984	4330	917	1,2444
1680	30	2861	3040	3218	3397	3576	3755	3934	4112	4470	947	1,2447
1736	31	2950	3135	3319	3504	3688	3872	4057	4241	4610	976	1,2450
1792	32	3040	3230	3420	3610	3800	3990	4180	4370	4750	1006	1,2452

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# ROSY TANDEM VERTICAL



page 138



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  38 mm.
- Double vertical heating elements in painted mild steel 50x10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

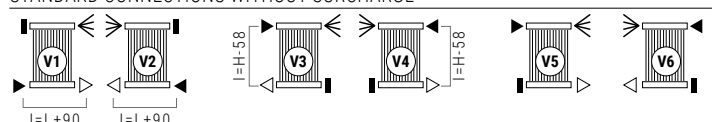
For the complete list, please refer to the accessories chapter.

Height H [mm]	500	558	600	658	700	800	858	958	1000
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	54,8	60,3	64,2	69,5	73,3	82,3	87,4	96,1	99,7
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	27,6	30,4	32,3	35,0	36,9	41,5	44,0	48,4	50,3
Dry Weight per section [kg]	1,208	1,334	1,425	1,551	1,642	1,860	1,986	2,203	2,294
Element water content [lt]	0,473	0,515	0,545	0,587	0,618	0,690	0,732	0,805	0,835
Element surface [m <sup>2</sup> ]	0,133	0,147	0,157	0,171	0,181	0,205	0,219	0,243	0,253
Exp. n	1,3426	1,3425	1,3423	1,3422	1,3420	1,3417	1,3415	1,3412	1,3411
Pipe centres I [mm] (V3-V4 only)	442	500	542	600	642	742	800	900	942

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

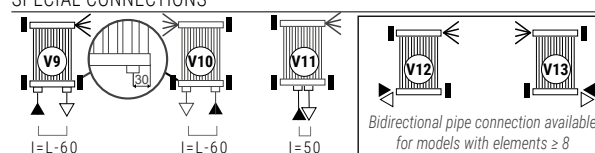
Height H [mm]	1200	1400	1600	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	117	133	149	165	173	180	195	203	218
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	59,0	67,1	75,2	83,3	87,3	90,9	98,5	102,5	110,1
Dry Weight per section [kg]	2,728	3,163	3,597	4,032	4,249	4,466	4,900	5,118	5,552
Element water content [lt]	0,980	1,125	1,269	1,414	1,487	1,559	1,704	1,776	1,921
Element surface [m <sup>2</sup> ]	0,301	0,349	0,397	0,445	0,469	0,493	0,541	0,565	0,613
Exp. n	1,3405	1,3399	1,3393	1,3387	1,3384	1,3381	1,3375	1,3372	1,3366
Pipe centres I [mm] (V3-V4 only)	1142	1342	1542	1742	1842	1942	2142	2242	2442

## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In ◄ Out ◄◄ airvent H Height I pipe centres L width

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.

## HOW TO ORDER THE RADIATOR ROSY TANDEM VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Rosy tandem vert.	Nr of Elements E.g.: 12 elements	Height in cm Example: 1500 mm	Code of the connection Example: connection V1	Code of the colour Example: R01 - White	Constant value
	RT50	12	150	V01	R01	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**RT50** ROSY TANDEM VERTICAL

**12** 12 elements (see the table shown on the side)

**150** Height 1500 mm (see the table shown on the side)

**V01** connection V1

**R01** colour R01 - White (see page 486)

**A** (Constant value)

The article code will be:

**RT50 12 150 V01 R01 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

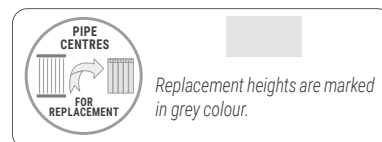
Accessories and spare parts - see from page 453



# ROSY TANDEM VERTICAL

Height H [mm]		500	558	600	658	700	800	858	958	1000
448	8	438	482	514	556	586	658	699	769	798
504	9	493	543	578	626	660	741	787	865	897
560	10	548	603	642	695	733	823	874	961	997
616	11	603	663	706	765	806	905	961	1057	1097
672	12	658	724	770	834	880	988	1049	1153	1196
728	13	712	784	835	904	953	1070	1136	1249	1296
784	14	767	844	899	973	1026	1152	1224	1345	1396
840	15	822	904	963	1043	1100	1235	1311	1441	1496
896	16	877	965	1027	1112	1173	1317	1398	1537	1595
952	17	932	1025	1091	1182	1246	1399	1486	1633	1695
1008	18	986	1085	1156	1251	1319	1481	1573	1730	1795

All intermediate sizes are available for widths from 4 to 18 elements and heights from 500 to 2500 mm



Height H [mm]		1200	1400	1600	1800	1900	2000	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
224	4	468	532	596	660	692	720	780	812	872
280	5	585	665	745	825	865	900	975	1015	1090
336	6	702	798	894	990	1038	1080	1170	1218	1308
392	7	819	931	1043	1155	1211	1260	1365	1421	1526
448	8	936	1064	1192	1320	1384	1440	1560	1624	1744
504	9	1053	1197	1341	1485	1557	1620	1755	1827	1962
560	10	1170	1330	1490	1650	1730	1800	1950	2030	2180
616	11	1287	1463	1639	1815	1903	1980	2145	2233	2398
672	12	1404	1596	1788	1980	2076	2160	2340	2436	2616
728	13	1521	1729	1937	2145	2249	2340	2535	2639	2834
784	14	1638	1862	2086	2310	2422	2520	2730	2842	3052
840	15	1755	1995	2235	2475	2595	2700	2925	3045	3270
896	16	1872	2128	2384	2640	2768	2880	3120	3248	3488
952	17	1989	2261	2533	2805	2941	3060	3315	3451	3706
1008	18	2106	2394	2682	2970	3114	3240	3510	3654	3924



# ROSY TANDEM HORIZONTAL



page 140



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  38 mm.
- Double row of rectangular horizontal heating elements in painted mild steel 50x10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,991	1,208	1,425	1,642	1,860	2,294	2,728	3,163	3,381
Element water content [lt]	0,401	0,473	0,545	0,618	0,690	0,835	0,980	1,125	1,197
Element surface [m²]	0,109	0,133	0,157	0,181	0,205	0,253	0,301	0,349	0,373
Pipe centres l [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different  $\Delta T$ , please refer to the following formula:  $\text{desired output} = \text{output at } \Delta T 50 \times (\text{desired } \Delta T / 50)^n$

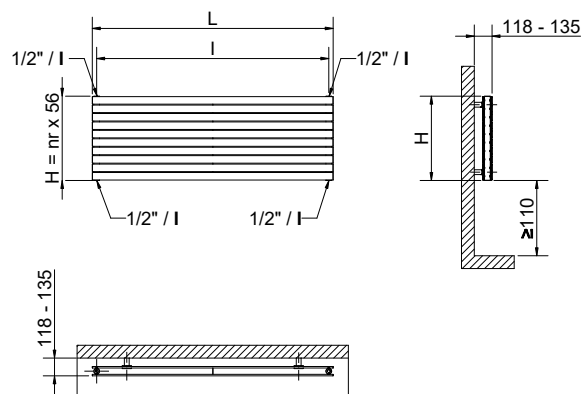
Width L [mm]	1600	1700	1800	1900	2000	2200	2300	2500
Dry Weight per section [kg]	3,597	3,815	4,032	4,249	4,466	4,900	5,118	5,552
Element water content [lt]	1,269	1,341	1,414	1,487	1,559	1,704	1,776	1,921
Element surface [m²]	0,397	0,421	0,445	0,469	0,493	0,541	0,565	0,613
Pipe centres l [mm] (H1 only)	1542	1642	1742	1842	1942	2142	2242	2442

P. Max: 5 bar

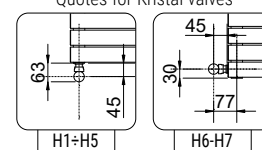
Functioning: hot water

T. Max: 110° C

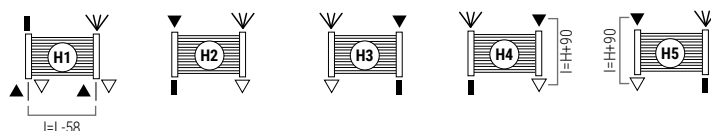
Connections: n° 2 x 1/2" G - 1 x 1/2" G



Quotes for Kristal valves

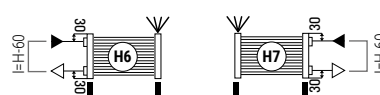


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ROSY TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Rosy tandem horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1500 mm	Code of the connection Example: connection H1	Code of the colour Example: R01 - White	Constant value
	RT50	12	150	H01	R01	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**RT50** ROSY TANDEM HORIZONTAL

**12** 12 elements (see the table shown on the side)

**150** width 1500 mm (see the table shown on the side)

**H01** connection H1

**R01** colour R01 - White (see page 486)

**A** (Constant value)

The article code will be:

**RT50 12 150 H01 R01 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve corner right with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311176</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311175</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# ROSY TANDEM HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
224	4	196	245	294	343	392	490	588	686	735	258	1,2547
280	5	240	300	359	419	479	599	719	839	899	316	1,2520
336	6	282	353	423	494	564	705	846	987	1058	372	1,2492
392	7	323	404	485	566	646	808	970	1131	1212	427	1,2465
448	8	363	454	545	636	726	908	1090	1271	1362	481	1,2438
504	9	402	503	603	704	804	1005	1206	1407	1508	533	1,2410
560	10	440	550	659	769	879	1099	1319	1539	1649	584	1,2383
616	11	476	596	715	834	953	1191	1429	1667	1787	634	1,2355
672	12	512	640	768	896	1024	1280	1536	1792	1920	682	1,2328
728	13	547	684	820	957	1094	1367	1640	1914	2051	729	1,2301
784	14	580	726	871	1016	1161	1451	1741	2031	2177	775	1,2273
840	15	613	767	920	1073	1226	1533	1840	2146	2300	820	1,2246
896	16	645	807	968	1129	1290	1613	1936	2258	2420	864	1,2218
952	17	676	846	1015	1184	1353	1691	2029	2367	2537	907	1,2191
1008	18	707	884	1060	1237	1414	1767	2120	2474	2651	949	1,2164

All intermediate sizes are available for widths from 4 to 18 elements and heights from 500 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2200	2300	2500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
224	4	784	833	882	931	980	1078	1127	1225	258	1,2547
280	5	958	1018	1078	1138	1198	1318	1378	1498	316	1,2520
336	6	1128	1199	1269	1340	1410	1551	1622	1763	372	1,2492
392	7	1293	1374	1454	1535	1616	1778	1858	2020	427	1,2465
448	8	1453	1544	1634	1725	1816	1998	2088	2270	481	1,2438
504	9	1608	1709	1809	1910	2010	2211	2312	2513	533	1,2410
560	10	1758	1868	1978	2088	2198	2418	2528	2748	584	1,2383
616	11	1906	2025	2144	2263	2382	2620	2739	2978	634	1,2355
672	12	2048	2176	2304	2432	2560	2816	2944	3200	682	1,2328
728	13	2187	2324	2461	2597	2734	3007	3144	3418	729	1,2301
784	14	2322	2467	2612	2757	2902	3192	3337	3628	775	1,2273
840	15	2453	2606	2759	2913	3066	3373	3526	3833	820	1,2246
896	16	2581	2742	2903	3065	3226	3549	3710	4033	864	1,2218
952	17	2706	2875	3044	3213	3382	3720	3889	4228	907	1,2191
1008	18	2827	3004	3181	3357	3534	3887	4064	4418	949	1,2164



UPPER COVER CASE AVAILABLE  
UPON REQUEST

## UPPER COVER

Width L [mm]	Art. nr.
400	5103000000096
500	5103000000097
600	5103000000098
700	5103000000099
800	5103000000100
1000	5103000000101
1200	5103000000102
1400	5103000000103
1500	5103000000104
1600	5103000000105
1700	5103000000106
1800	5103000000107
1900	5103000000110
2000	5103000000111
2200	5103000000112
2300	5103000000113
2500	5103000000114



# ROSY MAX



page 142



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  38 mm.
- Double vertical heating elements in painted mild steel 50x10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	390	540	640	840	940	1800	2000
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	62,6	83	96,2	121,6	133,9	232,2	253,5
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	32,4	42,9	49,6	62,4	68,6	118,3	129,4
Dry Weight per section [kg]	1,393	1,882	2,207	2,859	3,185	5,987	6,639
Element water content [lt]	0,535	0,698	0,806	1,023	1,132	2,065	2,282
Element surface [m <sup>2</sup> ]	0,154	0,208	0,244	0,316	0,352	0,661	0,733
Exp. n	1,2866	1,2930	1,2972	1,3057	1,3100	1,3201	1,3160
Pipe centres l [mm] (V3-V4 only)	350	500	600	800	900	1760	1960

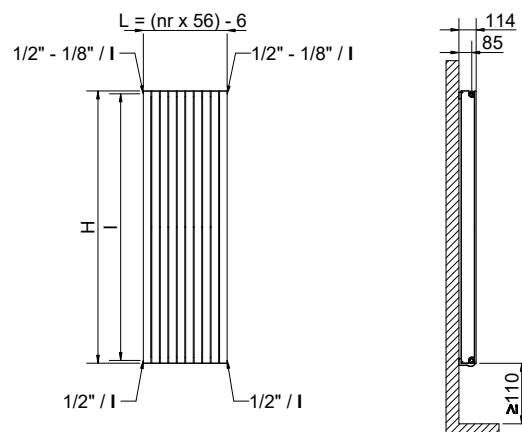
For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C}$  x (desired  $\Delta T/50$ )<sup>n</sup>

P. Max: 5 bar

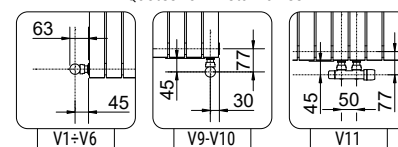
T. Max: 110° C

Functioning: hot water

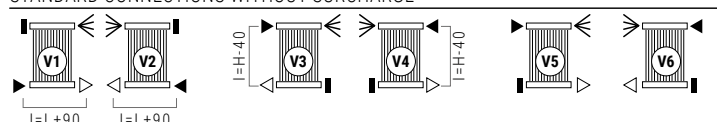
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



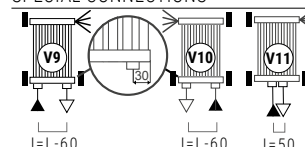
Quotes for Kristal valves



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In ◄ Out ◄◄ airvent H Height l pipe centres L width □ connection ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ROSY MAX

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Rosy MAX	Nr of Elements E.g.: 12 elements	Height in cm Example: 1800 mm	Code of the connection Example: connection V1	Code of the colour Example: R01 - White	Constant value
	RX50	12	180	V01	R01	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**RX50** ROSY MAX

**12** 12 elements (see the table shown on the side)

**180** Height 1800 mm (see the table shown on the side)

**V01** connection V1

**R01** colour R01 - White (see page 486)

**A** (Constant value)

The article code will be:

**RX50 12 180 V01 R01 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# ROSY MAX

Height H [mm]		390	540	640	840	940	1800	2000
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
274	5	313	415	481	608	670	1161	1268
330	6	376	498	577	730	803	1393	1521
386	7	438	581	673	851	937	1625	1775
442	8	501	664	770	973	1071	1858	2028
498	9	563	747	866	1094	1205	2090	2282
554	10	626	830	962	1216	1339	2322	2535
610	11	689	913	1058	1338	1473	2554	2789
666	12	751	996	1154	1459	1607	2786	3042
722	13	814	1079	1251	1581	1741	3019	3296
778	14	876	1162	1347	1702	1875	3251	3549
834	15	939	1245	1443	1824	2009		
890	16	1002	1328	1539	1946	2142		
946	17	1064	1411	1635	2067	2276		
1002	18	1127	1494	1732	2189	2410		
1058	19	1189	1577	1828	2310	2544		
1114	20	1252	1660	1924	2432	2678		
1170	21	1315	1743	2020	2554	2812		
1226	22	1377	1826	2116	2675	2946		
1282	23	1440	1909	2213	2797	3080		
1338	24	1502	1992	2309	2918	3214		
1394	25	1565	2075	2405				
1450	26	1628	2158	2501				
1506	27	1690	2241	2597				
1562	28	1753	2324	2694				
1618	29	1815	2407	2790				
1674	30	1878	2490	2886				
1730	31	1941	2573	2982				
1786	32	2003	2656	3078				



LATERAL COVER CASE AVAILABLE UPON REQUEST

## LATERAL CARTER

Height H [mm]	Art. nr.
390	5103000000120
540	5103000000121
640	5103000000122
840	5103000000123
940	5103000000124

HEIGHTS 1800 AND 2000 INCLUDES LATERAL CARTER

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION RADIATORS

MY WAY® ACCESSORIES AND TECHNICAL SUPPORT





# ROSY PICTURE



page 144



**EUROPEAN  
WARRANTY**

Customise

- **ROSY**
- **ROSY TANDEM**
- **ROSY MAX**

radiators with your favourite pictures, forever imprinted on the surface.



## MAXIMUM DIMENSIONS AVAILABLE

One of the two sides can not exceed measure of  
**896 mm**



For technical features and connections see  
**ROSY page 378 - 380**  
**ROSY TANDEM page 382 - 384**  
**ROSY MAX page 386**  
Surcharge overcharge on the standard version.  
**ROSY +150%**  
**ROSY TANDEM +100%**  
**ROSY MAX +100%**



## HOW TO ORDER CUSTOM IMAGES

- Choose ROSY / ROSY TANDEM / ROSY MAX model
  - Select the vertical or horizontal version, the desired radiator size (H and L) and the connection type.
  - Send your high resolution image (300 dpi - jpg, tiff, eps file), or your real picture.
- (Material used for rendering will not be given back).

- Send the related acquittance to Cordivari dealer (All images sent by customer must respect all relevant rules of copyright).
- Our graphic team will resize the desired image on the selected radiator
- Approve the pdf preview and order.



## HOW TO ORDER CORDIVARI STANDARD IMAGES

- Choose ROSY / ROSY TANDEM / ROSY MAX model
- Select the vertical or horizontal version, the desired radiator size (H and L) and the connection type.
- Choose a picture from our image gallery.
- Our graphic team will resize the desired image on the selected radiator
- Approve the pdf preview and order.

# ROSY PICTURE

## IMAGE GALLERY



Rosy Picture® radiators are made in painted mild steel using a unique and everlasting painting process. The Rosy Picture® painting process has been awarded by ANVER (Italian Painters Association), during "Polveri 2001" Exhibition (Verona, Italy), where it stood out for its innovation, high quality finishing and eco-friendly approach.

## PICTURES BY

by **Piero e Italo Del Governatore** - ITALCOLOR



PESCATORE (P09)



MOLO (P10)



SPIAGGIA (P11)

## IMAGES



IL BACIO (P08)



I GIRASOLI (P31)



DUE DONNE TAHITIANE (P32)



COMPOSIZIONE VIII (P33)



RIVER (P18)



PARIS (P07)



PANORAMA (P05)



LAGO (P06)

## GRAPHIC SERIES

**FRAME SEASON** - artwork by Mariano Moroni



ASTRATTO 03  
(G13)



ASTRATTO 04  
(G14)



ASTRATTO 05  
(G15)



ASTRATTO 06  
(G16)



IRIS 03  
(G23)



# ROSY MIRROR



page **146**



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\varnothing$  38 mm.
- Vertical heating elements in painted mild steel 50x10 mm.
- Specchio

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

The radiator is delivered in a wooden crate.  
User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

## AVAILABLE FUNCTIONS:

☒ Hot water

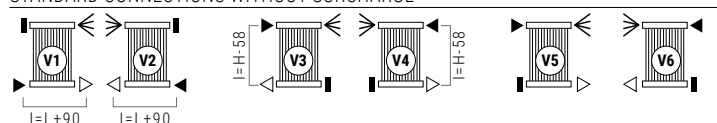
P. Max: 5 bar

Functioning: hot water

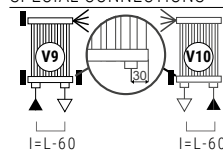
T. Max: 110° C

Connections: n° 2 x 1/2" G - 1 da 1/8" G

## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



## LEGENDA

► In

▷ Out

◄ Airvent

H Height

I Pipe centres

L width

□ Connection

■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ROSY MIRROR

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	

EXAMPLE	Radiator model E.g.: Rosy mirror lateral mirror on the left	Nr of Elements E.g.: 6 elements	Height in cm Example: 1800 mm	Code of the connection Example: connection V1	Code of the colour Example: R01 - White	Constant value
MS50	06	180	V01	R01	A	

**EXAMPLE OF ARTICLE CODE CREATION**  
In the case of a radiator:  
**MS50** Rosy mirror lateral mirror on the left (see the table shown on the side)  
**06** 6 elements  
**180** Height 1800 mm (see the table shown on the side)  
**V01** connection V1  
**R01** colour R01 - White (see page 486)  
**A** (Constant value)  
 The article code will be:  
**MS50 06 180 V01 R01 A**

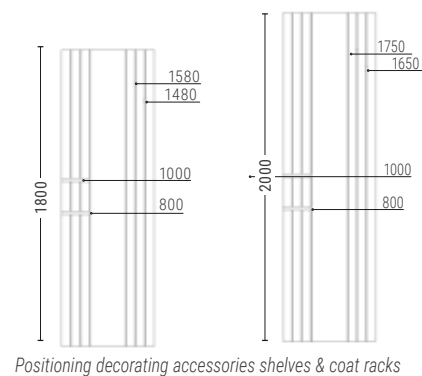
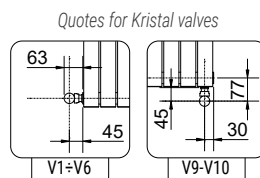
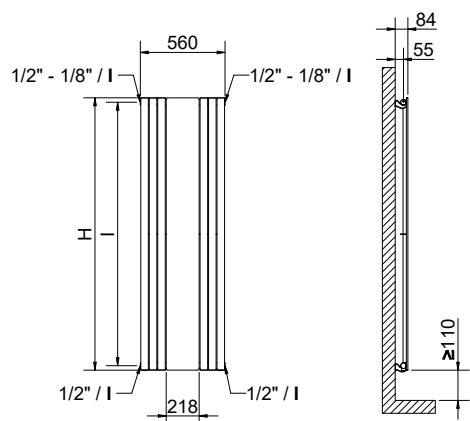
## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311160</p>	<b>KIT 2 WOODEN SHELVES - 162 x 100 mm</b>		<b>KIT 2 WOODEN SHELVES - 218 x 100 mm</b>	
	Finishing	Art. nr.	Finishing	Art. nr.
	White	5991990500006	White	5991990500009
	Bay Oak	5991990500005	Bay Oak	5991990500008
	Wengé	5991990500007	Wengé	5991990500010
	for ROSY MIRROR central mirror		for ROSY MIRROR lateral mirror	

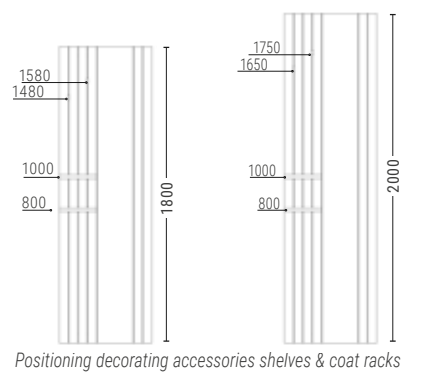
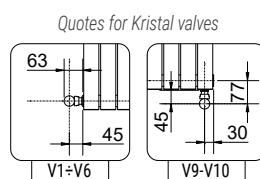
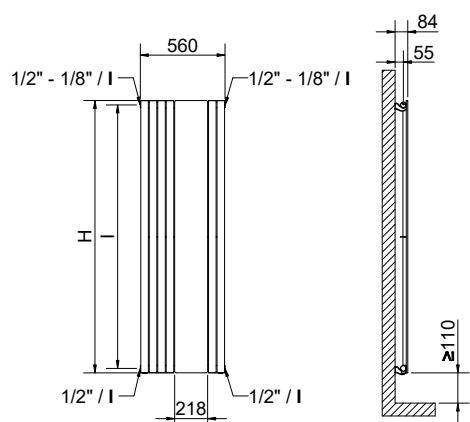
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



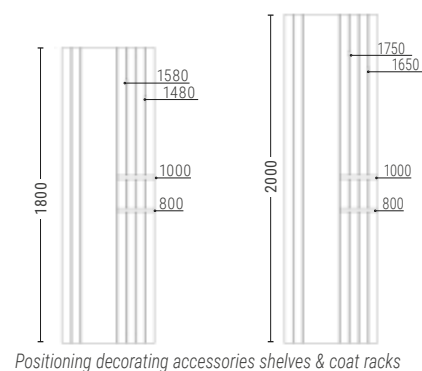
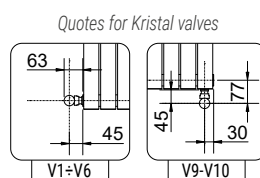
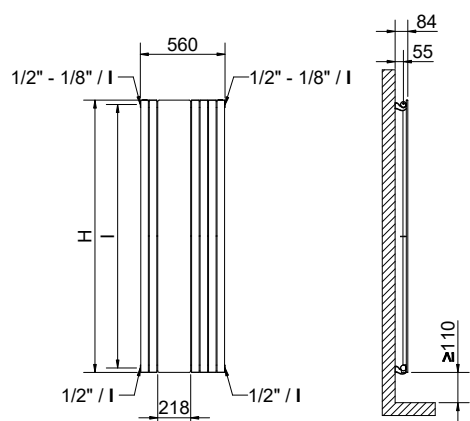
Positioning decorating accessories shelves & coat racks

VERSION WITH MIRROR ON THE RIGHT SIDE - **MD50**



Positioning decorating accessories shelves & coat racks

VERSION WITH MIRROR ON THE LEFT SIDE - **MS50**



Positioning decorating accessories shelves & coat racks

ROSY MIRROR

Height [mm]	Width L [mm]	Pipe centres I [mm]	CENTRAL MIRROR	LATERAL MIRROR ON THE RIGHT	LATERAL MIRROR ON THE LEFT	Dry Weight [Kg]	Surface [m <sup>2</sup> ]	Water content [lt]	Thermal output [Watt]		
									Δt=50°C	Δt=30°C	Exp. n
1800	560	1742	MC50	MD50	MS50	22,4	1,43	5	684	355	1,2840
2000	560	1942				24,6	1,57	5,5	756	397	1,2626

Art. nr. are referred to colour WHITE R01

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (desired Δt/50)<sup>n</sup>





# KEIRA VERTICAL



page 148

**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  38 mm.
- Rectangular vertical heating elements in painted mild steel 10 x 50 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	538	638	738	838	938	1400	1600	1800	1900
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	31,1	35,8	40,5	45,2	49,9	72,3	82,5	92,9	98,3
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	16,6	19,1	21,5	24,0	26,3	37,8	42,9	48,4	51,3
Dry Weight per section [kg]	0,652	0,761	0,869	0,978	1,086	1,586	1,803	2,020	2,129
Element water content [lt]	0,255	0,291	0,327	0,364	0,400	0,566	0,639	0,711	0,747
Element surface [m <sup>2</sup> ]	0,072	0,084	0,096	0,108	0,120	0,175	0,199	0,223	0,235
Exp. n	1,2273	1,232	1,2367	1,2414	1,2557	1,2700	1,2802	1,2757	1,2735
Pipe centres l [mm] (V3-V4 only)	500	600	700	800	900	1362	1562	1762	1862

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\alpha$

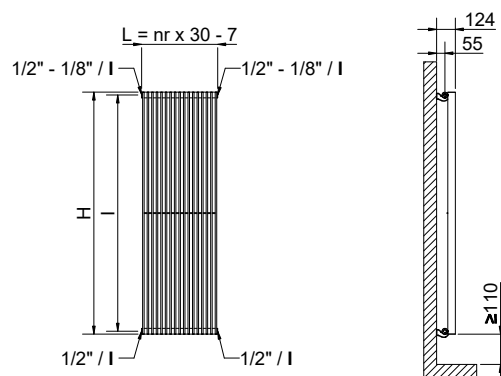
Height H [mm]	2000	2200
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	103,8	115,1
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	54,2	59,4
Dry Weight per section [kg]	2,238	2,455
Element water content [lt]	0,783	0,856
Element surface [m <sup>2</sup> ]	0,247	0,271
Exp. n	1,2712	1,2957
Pipe centres l [mm] (V3-V4 only)	1962	2162

P. Max: 5 bar

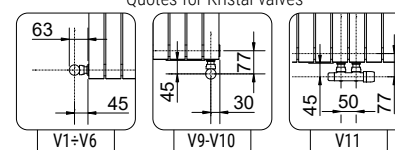
T. Max: 110° C

Functioning: hot water

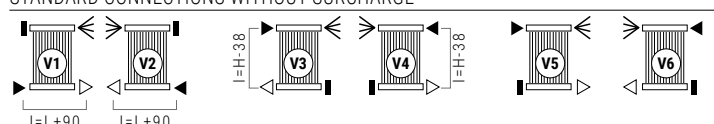
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



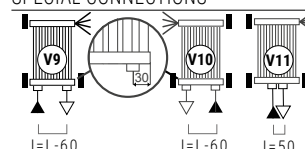
Quotes for Kristal valves



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In ◄ Out ◄◄ airvent H Height l pipe centres L width □ connection ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR KEIRA VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	KE10	24	140	V02	S16	A

**EXAMPLE OF ARTICLE CODE CREATION**  
In the case of a radiator:  
**KE10** KEIRA VERTICAL  
**24** 24 elements (see the table shown on the side)  
**140** Height 1400 mm (see the table shown on the side)  
**V02** connection V2  
**S16** colour S16 - Canary (see page 486)  
**A** (Constant value)  
The article code will be:  
**KE10 24 140 V02 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01





# KEIRA VERTICAL

Height H [mm]		538	638	738	838	938	1400	1600	1800	1900
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
263	9	280	322	365	407	449	651	743	836	885
293	10	311	358	405	452	499	723	825	929	983
323	11	342	394	446	497	549	795	908	1022	1081
353	12	373	430	486	542	599	868	990	1115	1180
383	13	404	465	527	588	649	940	1073	1208	1278
413	14	435	501	567	633	699	1012	1155	1301	1376
443	15	467	537	608	678	749	1085	1238	1394	1475
473	16	498	573	648	723	799	1157	1320	1486	1573
503	17	529	609	689	768	849	1229	1403	1579	1671
533	18	560	644	729	814	898	1301	1485	1672	1769
563	19	591	680	770	859	948	1374	1568	1765	1868
593	20	622	716	810	904	998	1446	1650	1858	
623	21	653	752	851	949	1048	1518	1733		
653	22	684	788	891	994	1098	1591			
683	23	715	823	932	1040	1148				
713	24	746	859	972	1085	1198				
743	25	778	895	1013	1130	1248				
773	26	809	931	1053	1175	1298				
803	27	840	967	1094	1220	1348				
833	28	871	1002	1134	1266	1398				
863	29	902	1038	1175	1311	1447				
893	30	933	1074	1215	1356	1497				
923	31	964	1110	1256	1401	1547				
953	32	995	1146	1296	1446	1597				
983	33	1026	1181	1337	1492	1647				
1013	34	1057	1217	1377	1537	1697				
1043	35	1089	1253	1418	1582	1747				
1073	36	1120	1289	1458	1627	1797				
1103	37	1151	1325	1499	1672	1847				
1133	38	1182	1360	1539	1718	1897				
1163	39	1213	1396	1580	1763	1947				
1193	40	1244	1432	1620	1808	1997				
1223	41	1275	1468	1661	1853	2046				
1253	42	1306	1504	1701	1898					
1283	43	1337	1539	1742						
1313	44	1368	1575	1782						
1373	46	1431	1647							
1433	48	1493								

All intermediate sizes are available for widths from 9 to 48 elements and heights from 540 to 2200 mm



Height H [mm]		2000	2200
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
263	9	934	1036
293	10	1038	1151
323	11	1142	1266
353	12	1246	1381
383	13	1349	1496
413	14	1453	1611
443	15	1557	1727
473	16	1661	1842
503	17	1765	
533	18	1868	

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# KEIRA TANDEM VERTICAL



page 150



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  38 mm.
- Double row of rectangular vertical heating elements in painted mild steel 10 x 50 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	538	638	738	838	938	1400	1600	1800	1900
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	52,7	60,6	68,4	76,1	83,8	118,8	133,9	149,2	156,8
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	27,5	31,6	35,7	39,7	43,4	61,0	68,3	76,1	80,1
Dry Weight per section [kg]	1,238	1,456	1,673	1,890	2,107	3,107	3,541	3,976	4,193
Element water content [lt]	0,45	0,523	0,595	0,667	0,740	1,073	1,217	1,362	1,434
Element surface [m <sup>2</sup> ]	0,137	0,161	0,185	0,209	0,233	0,343	0,391	0,439	0,463
Exp. n	1,2736	1,2732	1,2728	1,2724	1,2893	1,3063	1,3184	1,3168	1,316
Pipe centres I [mm] (V3-V4 only)	500	600	700	800	900	1362	1562	1762	1862

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C}$  x (desired  $\Delta T/50$ )<sup>n</sup>

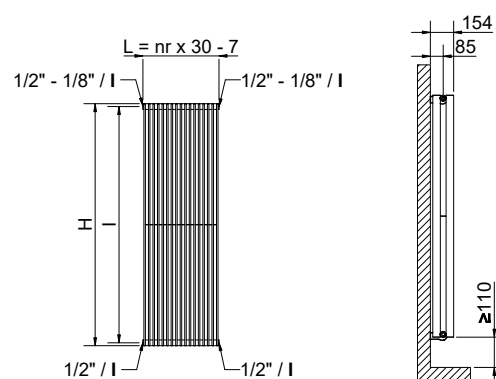
Height H [mm]	2000	2200
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	164,5	180,1
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	84,0	92,1
Dry Weight per section [kg]	4,410	4,844
Element water content [lt]	1,507	1,651
Element surface [m <sup>2</sup> ]	0,487	0,535
Exp. n	1,3152	1,3136
Pipe centres I [mm] (V3-V4 only)	1962	2162

P. Max: 5 bar

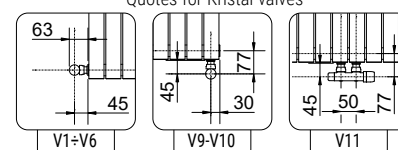
T. Max: 110° C

Functioning: hot water

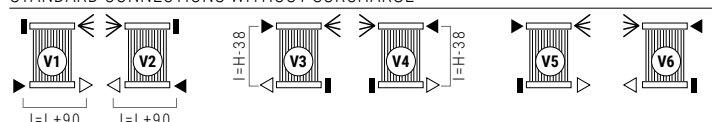
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



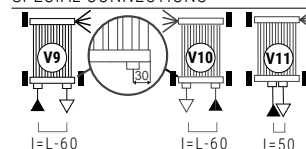
Quotes for Kristal valves



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    I pipe centres    L width

□ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR KEIRA TANDEM VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	<b>Radiator model</b> E.g.: Keira tandem vertical	<b>Nr of Elements</b> E.g.: 24 elements	<b>Height in cm</b> Example: 1400 mm	<b>Code of the connection</b> Example: connection V2	<b>Code of the colour</b> Example: S16 - Canary	<b>Constant value</b>
	KT10	24	140	V02	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**KT10** KEIRA TANDEM VERTICAL

**24** 24 elements (see the table shown on the side)

**140** Height 1400 mm (see the table shown on the side)

**V02** connection V2

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**KT10 24 140 V02 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

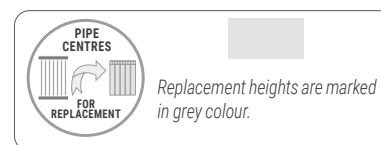
<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

# KEIRA TANDEM VERTICAL

Height H [mm]		538	638	738	838	938	1400	1600	1800	1900
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
263	9	474	545	616	685	754	1069	1205	1343	1411
293	10	527	606	684	761	838	1188	1339	1492	1568
323	11	580	667	752	837	922	1307	1473	1641	1725
353	12	632	727	821	913	1006	1426	1607	1790	1882
383	13	685	788	889	989	1089	1544	1741	1940	2038
413	14	738	848	958	1065	1173	1663	1875	2089	2195
443	15	791	909	1026	1142	1257	1782	2009	2238	2352
473	16	843	970	1094	1218	1341	1901	2142	2387	2509
503	17	896	1030	1163	1294	1424	2020	2276	2536	2666
533	18	949	1091	1231	1370	1508	2138	2410	2686	2822
563	19	1001	1151	1300	1446	1592	2257	2544	2835	2979
593	20	1054	1212	1368	1522	1676	2376	2678	2984	
623	21	1107	1273	1436	1598	1760	2495	2812		
653	22	1159	1333	1505	1674	1843	2614			
683	23	1212	1394	1573	1750	1927				
713	24	1265	1454	1642	1826	2011				
743	25	1318	1515	1710	1903	2095				
773	26	1370	1576	1778	1979	2179				
803	27	1423	1636	1847	2055	2262				
833	28	1476	1697	1915	2131	2346				
863	29	1528	1757	1984	2207	2430				
893	30	1581	1818	2052	2283	2514				
923	31	1634	1879	2120	2359	2598				
953	32	1686	1939	2189	2435	2681				
983	33	1739	2000	2257	2511	2765				
1013	34	1792	2060	2326	2587	2849				
1043	35	1845	2121	2394	2664	2933				
1073	36	1897	2182	2462	2740	3017				
1103	37	1950	2242	2531	2816	3100				
1133	38	2003	2303	2599	2892	3184				
1163	39	2055	2363	2668	2968	3268				
1193	40	2108	2424	2736	3044	3352				
1223	41	2161	2485	2804	3120					
1253	42	2213	2545	2873	3196					
1283	43	2266	2606	2941						
1313	44	2319	2666							
1373	46	2424	2788							
1433	48	2530								

All intermediate sizes are available for widths from 9 to 48 elements and heights from 540 to 2200 mm



Height H [mm]		2000	2200
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
263	9	1481	1621
293	10	1645	1801
323	11	1810	1981
353	12	1974	2161
383	13	2139	2341
413	14	2303	2521
443	15	2468	2702
473	16	2632	2882
503	17	2797	
533	18	2961	

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# KARIN VX VERTICAL



page 152



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  30 mm.
- Vertical heating elements in painted mild steel 15x20 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

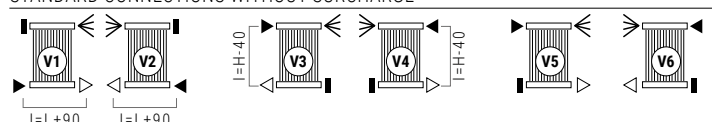
For the complete list, please refer to the accessories chapter.

Height H [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Therm. output per el. $\Delta t = 50^\circ \text{C}$ [Watt]	21,1	25,0	32,6	39,9	46,9	53,7	57,1	60,3	63,3
Therm. output per el. $\Delta t = 30^\circ \text{C}$ [Watt]	11,0	13,1	17,0	20,8	24,5	28,1	29,9	31,6	33,3
Dry Weight per section [kg]	0,333	0,389	0,501	0,613	0,725	0,837	0,893	0,949	1,005
Element water content [lt]	0,140	0,162	0,206	0,250	0,295	0,339	0,361	0,383	0,406
Element surface [m <sup>2</sup> ]	0,040	0,047	0,061	0,075	0,089	0,103	0,110	0,117	0,124
Exp. n	1,2691	1,2708	1,2742	1,2725	1,2708	1,2691	1,2682	1,2673	1,2664
Pipe centres I [mm] (V3-V4 only)	470	570	770	970	1170	1370	1470	1570	1670

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ \text{C}$  x (desired  $\Delta T/50$ )<sup>n</sup>

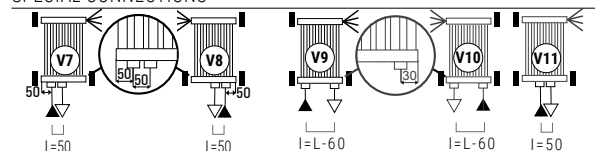
Height H [mm]	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ \text{C}$ [Watt]	66,7	69,9	72,9	78,9	81,9	87,6
Therm. output per el. $\Delta t = 30^\circ \text{C}$ [Watt]	34,9	36,5	38,0	41,0	42,5	45,2
Dry Weight per section [kg]	1,061	1,117	1,173	1,285	1,341	1,453
Element water content [lt]	0,428	0,450	0,472	0,516	0,539	0,583
Element surface [m <sup>2</sup> ]	0,131	0,138	0,145	0,159	0,166	0,180
Exp. n	1,2656	1,2698	1,2739	1,2823	1,2865	1,2948
Pipe centres I [mm] (V3-V4 only)	1770	1870	1970	2170	2270	2470

## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ► Out    ◀ airvent    H Height    I pipe centres    L width

## SPECIAL CONNECTIONS



□ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR KARIN VX VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	<b>KARIN VX vertical</b> E.g.: Karin VX vertical	<b>24</b> E.g.: 24 elements	<b>160</b> Example: 1600 mm	<b>V03</b> Example: connection V3	<b>S16</b> Example: S16 - Canary	<b>A</b>

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**KA15** KARIN VX VERTICAL

**24** 24 elements (see the table shown on the side)

**160** Height 1600 mm (see the table shown on the side)

**V03** connection V3

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**KA15 24 160 V03 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kit 2 hooks white R01</b></p> <p>Art. nr. 5991990310391</p>	<p><b>Towel bar painted mild steel white R01</b></p> <p>width 440 mm</p> <p>Available with width <math>\geq</math> 450 mm</p> <p>Art. nr. 5991990331129</p>
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Art. nr. are referred to colour WHITE R01



# KARIN VX<sub>VERTICAL</sub>

Height H [mm]		500	600	800	1000	1200	1400	1500	1600	1700
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
200	8	169	200	261	319	375	430	457	482	506
250	10	211	250	326	399	469	537	571	603	633
300	12	253	300	391	479	563	644	685	724	760
350	14	295	350	456	559	657	752	799	844	886
400	16	338	400	522	638	750	859	914	965	1013
450	18	380	450	587	718	844	967	1028	1085	1139
500	20	422	500	652	798	938	1074	1142	1206	1266
550	22	464	550	717	878	1032	1181	1256	1327	1393
600	24	506	600	782	958	1126	1289	1370	1447	1519
650	26	549	650	848	1037	1219	1396	1485	1568	1646
700	28	591	700	913	1117	1313	1504	1599	1688	1772
750	30	633	750	978	1197	1407	1611	1713	1809	1899
800	32	675	800	1043	1277	1501	1718	1827	1930	2026
850	34	717	850	1108	1357	1595	1826	1941	2050	2152
900	36	760	900	1174	1436	1688	1933	2056	2171	2279
950	38	802	950	1239	1516	1782	2041	2170	2291	2405
1000	40	844	1000	1304	1596	1876	2148	2284	2412	2532
1050	42	886	1050	1369	1676	1970	2255	2398	2533	2659
1100	44	928	1100	1434	1756	2064	2363	2512	2653	2785
1150	46	971	1150	1500	1835	2157	2470	2627	2774	2912
1200	48	1013	1200	1565	1915	2251	2578	2741	2894	3038
1250	50	1055	1250	1630	1995	2345	2685	2855	3015	3165
1300	52	1097	1300	1695	2075	2439	2792	2969	3136	3292
1350	54	1139	1350	1760	2155	2533	2900	3083	3256	3418
1400	56	1182	1400	1826	2234	2626	3007	3198	3377	3545
1450	58	1224	1450	1891	2314	2720	3115	3312	3497	3671
1500	60	1266	1500	1956	2394	2814	3222	3426	3618	3798
1550	62	1308	1550	2021	2474	2908	3329	3540	3739	3925
1600	64	1350	1600	2086	2554	3002	3437	3654	3859	4051
1650	66	1393	1650	2152	2633	3095	3544	3769	3980	4178
1700	68	1435	1700	2217	2713	3189	3652	3883	4100	4304
1750	70	1477	1750	2282	2793	3283	3759	3997	4221	4431
1800	72	1519	1800	2347	2873	3377	3866	4111	4342	4558

All intermediate sizes are available for widths from 8 to 72 elements and heights from 500 to 2500 mm

Height H [mm]		1800	1900	2000	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
200	8	534	559	583	631	655	701
250	10	667	699	729	789	819	876
300	12	800	839	875	947	983	1051
350	14	934	979	1021	1105	1147	1226
400	16	1067	1118	1166	1262	1310	1402
450	18	1201	1258	1312	1420	1474	1577
500	20	1334	1398	1458	1578	1638	1752
550	22	1467	1538	1604	1736	1802	1927
600	24	1601	1678	1750	1894	1966	2102
650	26	1734	1817	1895	2051	2129	2278
700	28	1868	1957	2041	2209	2293	2453
750	30	2001	2097	2187	2367	2457	2628
800	32	2134	2237	2333	2525	2621	2803
850	34	2268	2377	2479	2683	2785	2978
900	36	2401	2516	2624	2840	2948	3154
950	38	2535	2656	2770	2998	3112	3329
1000	40	2668	2796	2916	3156	3276	3504
1050	42	2801	2936	3062	3314	3440	3679
1100	44	2935	3076	3208	3472	3604	3854
1150	46	3068	3215	3353	3629	3767	4030
1200	48	3202	3355	3499	3787	3931	4205
1250	50	3335	3495	3645	3945	4095	4380
1300	52	3468	3635	3791	4103	4259	4555
1350	54	3602	3775	3937	4261	4423	4730
1400	56	3735	3914	4082	4418	4586	4906
1450	58	3869	4054	4228	4576	4750	5081
1500	60	4002	4194	4374	4734	4914	5256
1550	62	4135	4334	4520	4892	5078	5431
1600	64	4269	4474	4666	5050	5242	5606
1650	66	4402	4613	4811	5207	5405	5782
1700	68	4536	4753	4957	5365	5569	5957
1750	70	4669	4893	5103	5523	5733	6132
1800	72	4802	5033	5249	5681	5897	6307

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# KARIN VX HORIZONTAL



page 154



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  30 mm.
- Rectangular horizontal heating elements in painted mild steel 15x20 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	500	600	800	1000	1200	1400	1500	1600
Dry Weight per section [kg]	0,333	0,389	0,501	0,613	0,725	0,837	0,893	0,949
Element water content [lt]	0,140	0,162	0,206	0,250	0,294	0,338	0,360	0,382
Element surface [m²]	0,400	0,047	0,061	0,075	0,089	0,103	0,110	0,117
Pipe centres l [mm] (H1 only)	470	570	770	970	1170	1370	1470	1570

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T$ /50)<sup>n</sup>

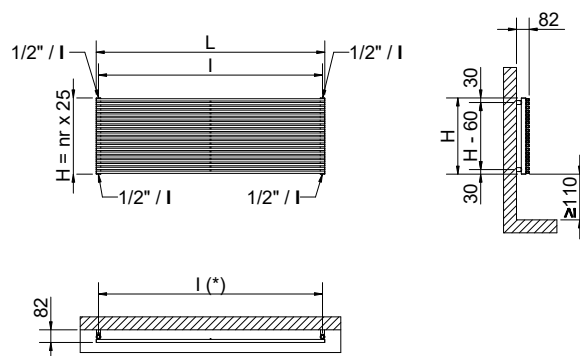
Width L [mm]	1700	1800	1900	2000	2200	2300	2500
Dry Weight per section [kg]	1,005	1,061	1,117	1,173	1,285	1,341	1,453
Element water content [lt]	0,404	0,426	0,448	0,470	0,514	0,536	0,580
Element surface [m²]	0,124	0,131	0,138	0,145	0,159	0,166	0,180
Pipe centres l [mm] (H1 only)	1670	1770	1870	1970	2170	2270	2470

P. Max: 8 bar

T. Max: 110° C

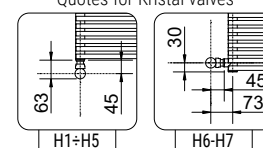
Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

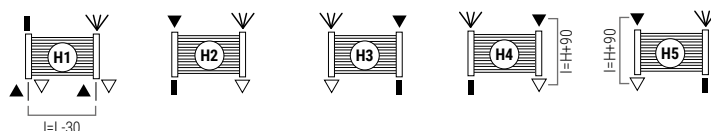


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

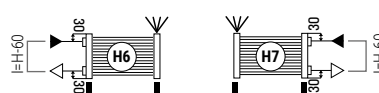


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR KARIN VX HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	

EXAMPLE	Radiator model E.g.: Karin VX horizontal	Nr of Elements E.g.: 24 elements	Width in cm Example: 1600 mm	Code of the connection Example: connection H7	Code of the colour Example: S16 - Canary	Constant value
KA15	24	160	H07	S16	A	

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**KA15** KARIN VX HORIZONTAL

**24** 24 elements (see the table shown on the side)

**160** width 1600 mm (see the table shown on the side)

**H07** connection H7

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**KA15 24 160 H07 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

### Kristal valve square with thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311161  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311160

### Kristal valve corner right with thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311176  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311175

### Pair of white tube cover kit



Art. nr. 5103000000060

Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# KARIN VX HORIZONTAL

Width L [mm]		500	600	800	1000	1200	1400	1500	1600	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
200	8	169	202	270	337	405	472	506	539	175		1,2882
250	10	211	253	338	422	507	591	633	676	221		1,2672
300	12	252	302	403	504	604	705	755	806	266		1,2465
350	14	290	348	464	580	696	812	870	928	310		1,2258
400	16	326	391	521	652	782	913	978	1043	352		1,2051
450	18	359	431	575	719	862	1006	1078	1150	390		1,1979
500	20	390	468	624	780	936	1092	1170	1248	425		1,1907
550	22	418	502	669	837	1004	1171	1255	1339	457		1,1846
600	24	444	533	711	888	1066	1244	1333	1421	485		1,1858
650	26	468	561	748	935	1122	1310	1403	1497	510		1,1881
700	28	489	587	782	978	1173	1369	1467	1564	532		1,1904
750	30	508	609	812	1016	1219	1422	1523	1625	552		1,1927
800	32	525	630	839	1049	1259	1469	1574	1679	570		1,1932
850	34	539	647	863	1079	1295	1510	1618	1726	586		1,1952
900	36	552	663	884	1105	1326	1547	1657	1768	599		1,1972
950	38	564	676	902	1127	1352	1578	1691	1803	611		1,1992
1000	40	573	687	917	1146	1375	1604	1719	1833	620		1,2012
1050	42	581	697	929	1161	1394	1626	1742	1858	628		1,2032
1100	44	587	704	939	1174	1409	1643	1761	1878	634		1,2052

All intermediate sizes are available for widths from 8 a 44 elements and heights from 500 to 2500 mm

Width L [mm]		1700	1800	1900	2000	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
200	8	573	607	640	674	742	775	843	175		1,2882
250	10	718	760	802	845	929	971	1056	221		1,2672
300	12	856	906	957	1007	1108	1158	1259	266		1,2465
350	14	986	1044	1102	1160	1276	1334	1450	310		1,2258
400	16	1108	1173	1238	1304	1434	1499	1630	352		1,2051
450	18	1221	1293	1365	1437	1581	1653	1796	390		1,1979
500	20	1326	1404	1482	1560	1716	1794	1950	425		1,1907
550	22	1422	1506	1590	1673	1841	1924	2092	457		1,1846
600	24	1510	1599	1688	1777	1954	2043	2221	485		1,1858
650	26	1590	1684	1777	1871	2058	2151	2339	510		1,1881
700	28	1662	1760	1858	1955	2151	2249	2444	532		1,1904
750	30	1727	1828	1930	2031	2234	2336	2539	552		1,1927
800	32	1784	1889	1994	2099	2308	2413	2623	570		1,1932
850	34	1834	1942	2050	2158	2374	2481	2697	586		1,1952
900	36	1878	1989	2099	2210	2431	2541	2762	599		1,1972
950	38	1916	2029	2141	2254	2479	2592	2818	611		1,1992
1000	40	1948	2062	2177	2291	2521	2635	2864	620		1,2012
1050	42	1974	2090	2206	2323	2555	2671	2903	628		1,2032
1100	44	1995	2113	2230	2348	2582	2700	2935	634		1,2052

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# KARIN VX TANDEM VERTICAL



page 156



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  30 mm.
- Double row of rectangular vertical heating elements in painted mild steel 15x20 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

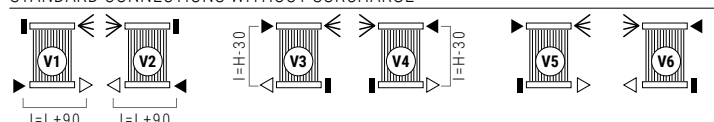
For the complete list, please refer to the accessories chapter.

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	32,7	34,8	38,3	40,4	49,0	50,6	56,1	59,1	68,7
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	16,8	17,7	19,7	20,5	25,0	25,8	28,4	30,1	34,9
Dry Weight per section [kg]	0,607	0,646	0,725	0,758	0,949	0,982	1,094	1,173	1,397
Element water content [lt]	0,249	0,264	0,295	0,308	0,383	0,397	0,441	0,472	0,561
Element surface [m <sup>2</sup> ]	0,074	0,079	0,089	0,093	0,117	0,121	0,135	0,145	0,173
Exp. n	1,2990	1,3396	1,3047	1,3373	1,3161	1,3520	1,3304	1,3209	1,3258
Pipe centres I [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^{1,4}$

Height H [mm]	1400	1600	1700	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	77,7	86,3	90,5	94,5	98,4	102,3	109,6	113,2	120,0
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	39,4	43,6	45,7	47,7	49,6	51,6	55,3	57,1	60,6
Dry Weight per section [kg]	1,621	1,845	1,957	2,069	2,181	2,293	2,517	2,629	2,853
Element water content [lt]	0,650	0,738	0,782	0,827	0,871	0,916	1,004	1,049	1,137
Element surface [m <sup>2</sup> ]	0,201	0,229	0,243	0,257	0,271	0,285	0,313	0,327	0,355
Exp. n	1,3307	1,3355	1,3380	1,3404	1,3399	1,3395	1,3385	1,3380	1,3371
Pipe centres I [mm] (V3-V4 only)	1370	1570	1670	1770	1870	1970	2170	2270	2470

## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ► Out    ◀ airvent    H Height    I pipe centres    L width    □ connection    ■ welded cap

## HOW TO ORDER THE RADIATOR KARIN VX TANDEM VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	<b>Radiator model</b> E.g.: Karin VX tandem vertical	<b>Nr of Elements</b> E.g.: 24 elements	<b>Height in cm</b> Example: 1900 mm	<b>Code of the connection</b> Example: connection V8	<b>Code of the colour</b> Example: S16 - Canary	<b>Constant value</b>
	KT15	24	190	V08	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**KT15** KARIN VX TANDEM VERTICAL

**24** 24 elements (see the table shown on the side)

**190** Height 1900 mm (see the table shown on the side)

**V08** connection V8

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**KT15 24 190 V08 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

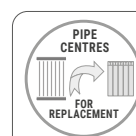
<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

# KARIN VX TANDEM VERTICAL

Height H [mm]		500	530	600	630	800	830	930	1000	1200
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
200	8	262	275	306	320	392	405	445	473	550
250	10	327	344	383	400	490	506	557	591	687
300	12	392	413	460	479	588	607	668	709	824
350	14	458	481	536	559	686	708	779	827	962
400	16	523	550	613	639	784	809	890	946	1099
450	18	589	619	689	719	882	910	1002	1064	1237
500	20	654	688	766	799	980	1012	1113	1182	1374
550	22	719	757	843	879	1078	1113	1224	1300	1511
600	24	785	825	919	959	1176	1214	1336	1418	1649
650	26	850	894	996	1039	1274	1315	1447	1537	1786
700	28	916	963	1072	1119	1372	1416	1558	1655	1924
750	30	981	1032	1149	1199	1470	1517	1670	1773	2061
800	32	1046	1100	1226	1279	1568	1618	1781	1891	2198
850	34	1112	1169	1302	1359	1666	1720	1892	2009	2336
900	36	1177	1238	1379	1438	1764	1821	2004	2128	2473
950	38	1243	1307	1455	1518	1862	1922	2115	2246	2611
1000	40	1308	1376	1532	1598	1960	2023	2226	2364	2748
1050	42	1373	1444	1609	1678	2058	2124	2337	2482	2885
1100	44	1439	1513	1685	1758	2156	2225	2449	2600	3023
1150	46	1504	1582	1762	1838	2254	2326	2560	2719	3160
1200	48	1570	1651	1838	1918	2352	2428	2671	2837	3298
1250	50	1635	1719	1915	1998	2450	2529	2783	2955	3435
1300	52	1700	1788	1992	2078	2548	2630	2894	3073	3572
1350	54	1766	1857	2068	2158	2646	2731	3005	3191	
1400	56	1831	1926	2145	2238	2744	2832	3117	3310	
1450	58	1897	1995	2221	2317	2842	2933	3228	3428	
1500	60	1962	2063	2298	2397	2940	3035	3339	3546	
1550	62	2027	2132	2375	2477	3038	3136	3451	3664	
1600	64	2093	2201	2451	2557	3136	3237	3562	3782	
1650	66	2158	2270	2528	2637	3234	3338	3673	3901	
1700	68	2224	2338	2604	2717	3332	3439	3784	4019	
1750	70	2289	2407	2681	2797	3430	3540	3896	4137	
1800	72	2354	2476	2758	2877	3528	3641	4007	4255	

All intermediate sizes are available for widths from 8 to 72 elements and heights from 500 to 2500 mm



Replacement heights are marked in grey colour.

Height H [mm]		1400	1600	1700	1800	1900	2000	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
200	8	622	690	724	756	787	818	877	906	960
250	10	777	863	905	945	984	1023	1096	1132	1200
300	12	932	1036	1086	1134	1181	1228	1315	1358	1440
350	14	1088	1208	1267	1323	1378	1432	1534	1585	1680
400	16	1243	1381	1448	1512	1574	1637	1754	1811	1920
450	18	1399	1553	1629	1701	1771	1841	1973	2038	2160
500	20	1554	1726	1810	1890	1968	2046	2192	2264	2400
550	22	1709	1899	1991	2079	2165	2251	2411	2490	2640
600	24	1865	2071	2172	2268	2362	2455	2630	2717	2880
650	26	2020	2244	2353	2457	2558	2660	2850	2943	
700	28	2176	2416	2534	2646	2755	2864	3096		
750	30	2331	2589	2715	2835	2952	3069			
800	32	2486	2762	2896	3024	3149				
850	34	2642	2934	3077	3213					
900	36	2797	3107	3258						
950	38	2953	3279							
1000	40	3108								
1050	42	3263								
1100	44	3419								



# KARIN VX TANDEM HORIZONTAL



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**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  30 mm.
- Double row of rectangular horizontal heating elements in painted mild steel 15X20 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Dry Weight per section [kg]	0,613	0,725	0,949	1,173	1,397	1,621	1,733	1,845	1,957
Element water content [lt]	0,250	0,295	0,383	0,472	0,561	0,650	0,694	0,738	0,783
Element surface [m²]	0,075	0,089	0,117	0,145	0,173	0,201	0,215	0,229	0,243
Pipe centres I [mm] (H1 only)	470	570	770	970	1170	1370	1470	1570	1670

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T$ /50)<sup>n</sup>

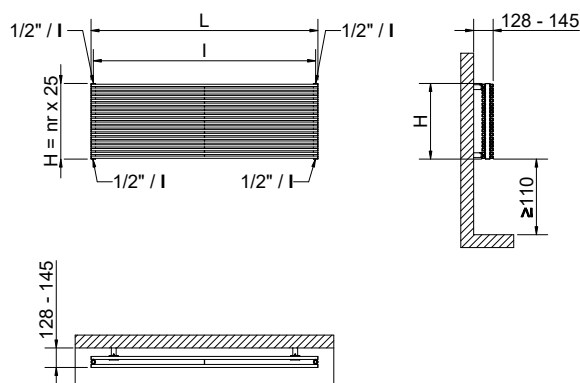
Width L [mm]	1800	1900	2000	2200	2300	2500
Dry Weight per section [kg]	2,069	2,181	2,293	2,405	2,517	2,629
Element water content [lt]	0,827	0,871	0,916	0,961	1,006	1,051
Element surface [m²]	0,257	0,271	0,285	0,299	0,313	0,327
Pipe centres I [mm] (H1 only)	1770	1870	1970	2170	2270	2470

P. Max: 8 bar

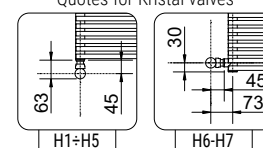
Functioning: hot water

T. Max: 110° C

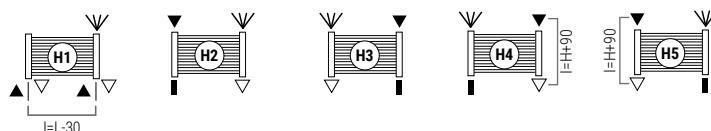
Connections: n° 2 x 1/2" G - 1 x 1/2" G



Quotes for Kristal valves

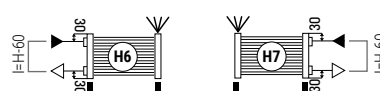


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In ◄ Out ◄◄ airvent H Height I pipe centres L width □ connection ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR KARIN VX TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	<b>Radiator model</b> E.g.: Karin VX tandem horizontal	<b>Nr of Elements</b> E.g.: 12 elements	<b>Width in cm</b> Example: 1200 mm	<b>Code of the connection</b> Example: connection H4	<b>Code of the colour</b> Example: S16 - Canary	<b>Constant value</b>
	KT15	12	120	H04	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**KT15** KARIN VX TANDEM HORIZONTAL

**12** 12 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H04** connection H4

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**KT15 12 120 H04 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

### Kristal valve square with thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311161  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311160

### Kristal valve corner right with thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311176  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311175

### Pair of white tube cover kit



Art. nr. 5103000000060

Art. nr. are referred to colour WHITE R01





# KARIN VX TANDEM HORIZONTAL

Width L [mm]		500	600	800	1000	1200	1400	1500	1600	1700	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
200	8	294	353	471	589	707	824	883	942	1001	317	1,2131	1,2131
250	10	347	416	555	694	833	972	1041	1110	1180	374	1,2112	
300	12	395	473	631	789	947	1105	1184	1262	1341	425	1,2093	1,2093
350	14	438	525	700	875	1050	1225	1313	1400	1488	479	1,1803	
400	16	477	572	762	953	1144	1334	1430	1525	1620	519	1,1887	1,1887
450	18	512	614	819	1024	1229	1433	1536	1638	1741	556	1,1970	
500	20	544	653	870	1088	1306	1523	1632	1741	1850	588	1,2054	1,2054
550	22	573	688	917	1146	1375	1604	1719	1833	1948	618	1,2081	
600	24	599	719	959	1198	1438	1677	1797	1917	2037	646	1,2109	1,2109
650	26	623	747	996	1245	1494	1743	1868	1992	2117	670	1,2137	
700	28	644	772	1030	1287	1544	1802	1931	2059	2188	711	1,1624	1,1624
750	30	663	795	1060	1325	1590	1855	1988	2120	2253	735	1,1543	
800	32	679	815	1086	1358	1630	1901	2037	2173	2309	756	1,1462	1,1462
850	34	694	832	1110	1387	1664	1942	2081	2219	2358	776	1,1380	
900	36	707	848	1130	1413	1696	1978	2120	2261	2402	794	1,1299	1,1299
950	38	718	861	1148	1435	1722	2009	2153	2296		810	1,1218	
1000	40	728	873	1164	1455	1746	2037	2183			803	1,1637	1,1637
1050	42	736	883	1177	1471	1765	2059	2207			815	1,1556	
1100	44	742	890	1187	1484	1781	2078				821	1,1597	1,1597
1150	46	749	899	1198	1498	1797					836	1,1393	
1200	48	755	906	1208	1510	1812					844	1,1312	1,1312
1250	50	761	913	1217	1522	1826					858	1,1231	
1300	52	766	920	1226	1533	1839					867	1,1149	1,1149
1350	54	772	926	1235	1544						877	1,1068	
1400	56	778	933	1245	1556						888	1,0987	1,0987
1450	58	784	941	1255	1568						898	1,0906	
1500	60	791	949	1266	1582						910	1,0824	1,0824
1550	62	799	958	1278	1597						923	1,0743	
1600	64	807	969	1292	1615						937	1,0662	1,0662
1650	66	817	981	1308	1635						952	1,0581	
1700	68	829	995	1326	1658						970	1,0499	1,0499
1750	70	842	1010	1347	1684						989	1,0418	
1800	72	857	1028	1371	1713						1010	1,0337	1,0337

All intermediate sizes are available for widths from 8 to 72 elements and heights from 500 to 2500 mm

Width L [mm]		1800	1900	2000	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	
200	8	1060	1119	1178	1296	1354	1472	317	1,2131	1,2131
250	10	1249	1319	1388	1527	1596	1735	374	1,2112	
300	12	1420	1499	1578	1736	1815	1973	425	1,2093	1,2093
350	14	1575	1663	1750	1925	2013	2188	479	1,1803	
400	16	1716	1811	1906	2097	2192	2383	519	1,1887	1,1887
450	18	1843	1945	2048	2253	2355	2560	556	1,1970	
500	20	1958	2067	2176	2394	2502	2720	588	1,2054	1,2054
550	22	2063	2177	2292	2521	2636	2865	618	1,2081	
600	24	2157	2277	2396	2636	2756	2996	646	1,2109	1,2109
650	26	2242	2366	2491	2740	2864		670	1,2137	
700	28	2317	2445	2574	2831			711	1,1624	1,1624
750	30	2385	2518	2650				735	1,1543	
800	32	2444	2580					756	1,1462	1,1462
850	34	2497						776	1,1380	

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VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# ALICE 18 VERTICAL



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**EUROPEAN  
WARRANTY**

## RESTYLING

### MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  30 mm.
- Vertical heating elements in painted mild steel  $\phi$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

### ACCESSORIES:

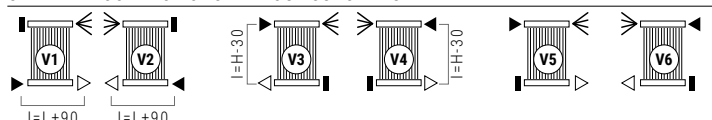
For the complete list, please refer to the accessories chapter.

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	17	20,5	23,8	27,1	30,3	36,6	42,7	48,8	51,9
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	8,9	10,6	12,4	14,1	15,7	19	22,3	25,5	27,1
Dry Weight per section [kg]	0,211	0,252	0,294	0,336	0,378	0,462	0,546	0,630	0,672
Element water content [lt]	0,110	0,130	0,151	0,171	0,191	0,231	0,271	0,311	0,332
Element surface [m <sup>2</sup> ]	0,027	0,033	0,039	0,044	0,050	0,061	0,073	0,084	0,090
Exp. n	1,2814	1,2810	1,2805	1,2801	1,2797	1,2780	1,2754	1,2729	1,2716
Pipe centres I [mm] (V3-V4 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\alpha$

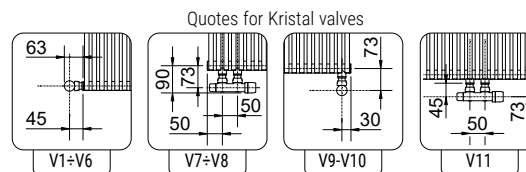
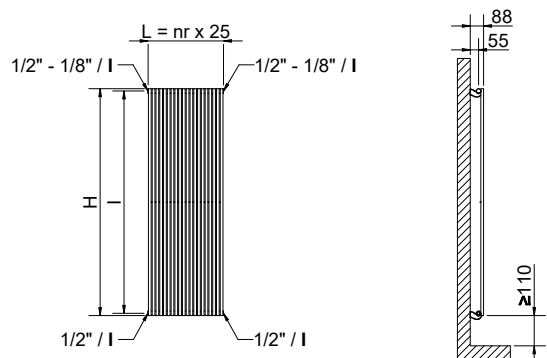
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	54,9	57,9	61	64	67	70	73,1	76,1	82,2
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	28,6	30,2	31,7	33,2	34,8	36,3	37,8	39,3	42,4
Dry Weight per section [kg]	0,714	0,756	0,798	0,840	0,882	0,924	0,966	1,008	1,092
Element water content [lt]	0,352	0,372	0,392	0,412	0,432	0,452	0,472	0,492	0,533
Element surface [m <sup>2</sup> ]	0,095	0,101	0,106	0,112	0,118	0,123	0,129	0,135	0,146
Exp. n	1,2741	1,2767	1,2792	1,2817	1,2843	1,2868	1,2893	1,2919	1,2944
Pipe centres I [mm] (V3-V4 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

### STANDARD CONNECTIONS WITHOUT SURCHARGE

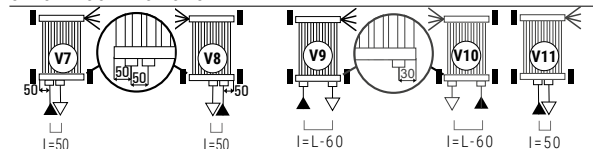


**LEGENDA:** ► In    ► Out    ◀ airvent    H Height    I pipe centres    L width

P. Max: 8 bar    T. Max: 110° C  
Functioning: hot water    Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



### SPECIAL CONNECTIONS



□ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 18 VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	C	
<b>EXAMPLE</b>	AL18	24	080	V08	S16	C

**EXAMPLE OF ARTICLE CODE CREATION**  
In the case of a radiator:  
**AL18** ALICE 18 VERTICAL  
**24** 24 elements (see the table shown on the side)  
**080** Height 800 mm (see the table shown on the side)  
**V08** connection V08  
**S16** colour S16 - Canary (see page 486)  
**C** (Constant value)  
The article code will be:  
**AL18 24 080 V08 S16 C**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kit 2 hooks white R01</b></p> <p>Art. nr. 5991990310388</p>	<p><b>Towel bar painted mild steel white R01</b></p> <p>width 440 mm</p> <p>Available with width <math>\geq</math> 475 mm</p> <p>Art. nr. 5991990331126</p>
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Art. nr. are referred to colour WHITE R01

# ALICE 18 VERTICAL

Height H [mm]		400	500	600	700	800	1000	1200	1400	1500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	85	103	119	136	152	183	214	244	260
150	6	102	123	143	163	182	220	256	293	311
175	7	119	144	167	190	212	256	299	342	363
200	8	136	164	190	217	242	293	342	390	415
225	9	153	185	214	244	273	329	384	439	467
250	10	170	205	238	271	303	366	427	488	519
275	11	187	226	262	298	333	403	470	537	571
300	12	204	246	286	325	364	439	512	586	623
325	13	221	267	309	352	394	476	555	634	675
350	14	238	287	333	379	424	512	598	683	727
375	15	255	308	357	407	455	549	641	732	779
400	16	272	328	381	434	485	586	683	781	830
425	17	289	349	405	461	515	622	726	830	882
450	18	306	369	428	488	545	659	769	878	934
475	19	323	390	452	515	576	695	811	927	986
500	20	340	410	476	542	606	732	854	976	1038
525	21	357	431	500	569	636	769	897	1025	1090
550	22	374	451	524	596	667	805	939	1074	1142
575	23	391	472	547	623	697	842	982	1122	1194
600	24	408	492	571	650	727	878	1025	1171	1246
625	25	425	513	595	678	758	915	1068	1220	1298
650	26	442	533	619	705	788	952	1110	1269	1349
675	27	459	554	643	732	818	988	1153	1318	1401
700	28	476	574	666	759	848	1025	1196	1366	1453
725	29	493	595	690	786	879	1061	1238	1415	1505
750	30	510	615	714	813	909	1098	1281	1464	1557
800	32	544	656	762	867	970	1171	1366	1562	1661
850	34	578	697	809	921	1030	1244	1452	1659	1765
900	36	612	738	857	976	1091	1318	1537	1757	1868
950	38	646	779	904	1030	1151	1391	1623	1854	1972
1000	40	680	820	952	1084	1212	1464	1708	1952	2076
1050	42	714	861	1000	1138	1273	1537	1793	2050	2180
1125	45	765	923	1071	1220	1364	1647	1922	2196	2336
1250	50	850	1025	1190	1355	1515	1830	2135	2440	2595
1375	55	935	1128	1309	1491	1667	2013	2349	2684	2855
1500	60	1020	1230	1428	1626	1818	2196	2562	2928	3114
1625	65	1105	1333	1547	1762	1970	2379	2776	3172	3374
1750	70	1190	1435	1666	1897	2121	2562	2989	3416	3633

All intermediate sizes are available for widths from 5 to 70 elements and heights from 400 to 2500 mm

Height H [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	275	290	305	320	335	350	366	381	411
150	6	329	347	366	384	402	420	439	457	493
175	7	384	405	427	448	469	490	512	533	575
200	8	439	463	488	512	536	560	585	609	658
225	9	494	521	549	576	603	630	658	685	740
250	10	549	579	610	640	670	700	731	761	822
275	11	604	637	671	704	737	770	804	837	904
300	12	659	695	732	768	804	840	877	913	986
325	13	714	753	793	832	871	910	950	989	1069
350	14	769	811	854	896	938	980	1023	1065	1151
375	15	824	869	915	960	1005	1050	1097	1142	1233
400	16	878	926	976	1024	1072	1120	1170	1218	1315
425	17	933	984	1037	1088	1139	1190	1243	1294	1397
450	18	988	1042	1098	1152	1206	1260	1316	1370	1480
475	19	1043	1100	1159	1216	1273	1330	1389	1446	1562
500	20	1098	1158	1220	1280	1340	1400	1462	1522	1644
525	21	1153	1216	1281	1344	1407	1470	1535	1598	1726
550	22	1208	1274	1342	1408	1474	1540	1608	1674	1808
575	23	1263	1332	1403	1472	1541	1610	1681	1750	1891
600	24	1318	1390	1464	1536	1608	1680	1754	1826	1973
625	25	1373	1448	1525	1600	1675	1750	1828	1903	2055
650	26	1427	1505	1586	1664	1742	1820	1901	1979	2137
675	27	1482	1563	1647	1728	1809	1890	1974	2055	2219
700	28	1537	1621	1708	1792	1876	1960	2047	2131	2302
725	29	1592	1679	1769	1856	1943	2030	2120	2207	2384
750	30	1647	1737	1830	1920	2010	2100	2193	2283	2466
800	32	1757	1853	1952	2048	2144	2240	2339	2435	2630
850	34	1867	1969	2074	2176	2278	2380	2485	2587	2795
900	36	1976	2084	2196	2304	2412	2520	2632	2740	2959
950	38	2086	2200	2318	2432	2546	2660	2778	2892	3124
1000	40	2196	2316	2440	2560	2680	2800	2924	3044	3288
1050	42	2306	2432	2562	2688	2814	2940	3070	3196	3452
1125	45	2471	2606	2745	2880	3015	3150	3290	3425	3699
1250	50	2745	2895	3050	3200	3350	3500	3655	3805	4110
1375	55	3020	3185	3355	3520	3685	3850	4021	4186	4521
1500	60	3294	3474	3660	3840	4020	4200	4386	4566	4932
1625	65	3569	3764	3965	4160	4355	4550	4752	4947	5343
1750	70	3843	4053	4270	4480	4690	4900	5117	5327	5754

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# ALICE 18 HORIZONTAL



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**EUROPEAN  
WARRANTY**

## RESTYLING

### MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  30 mm.
- Horizontal heating elements in painted mild steel  $\phi$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,211	0,252	0,294	0,336	0,378	0,462	0,546	0,630	0,672
Element water content [lt]	0,110	0,130	0,151	0,171	0,191	0,231	0,271	0,311	0,332
Element surface [m <sup>2</sup> ]	0,027	0,033	0,039	0,044	0,050	0,061	0,073	0,084	0,090
Pipe centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

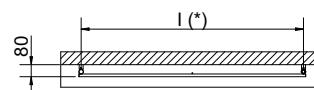
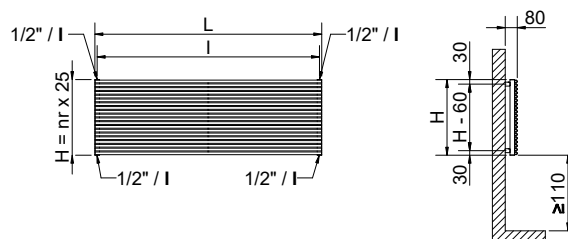
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	0,714	0,756	0,798	0,840	0,882	0,924	0,966	1,008	1,092
Element water content [lt]	0,352	0,372	0,392	0,412	0,432	0,452	0,472	0,492	0,533
Element surface [m <sup>2</sup> ]	0,095	0,101	0,106	0,112	0,118	0,123	0,129	0,135	0,146
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

T. Max: 110° C

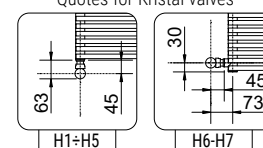
Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

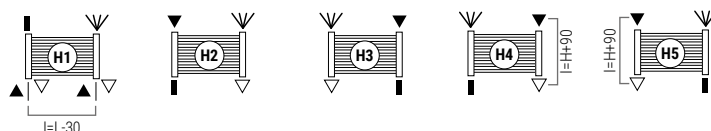


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

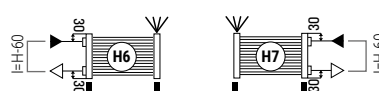


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 18 HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	C	
<b>EXAMPLE</b>	Radiator model E.g.: Alice 18 horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H4	Code of the colour Example: S16 - Canary	Constant value
	AL18	12	120	H04	S16	C

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AL18** ALICE 18 HORIZONTAL

**12** 12 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H04** connection H4

**S16** colour S16 - Canary (see page 486)

**C** (Constant value)

The article code will be:

**AL18 12 120 H04 S16 C**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only



Art. nr. are referred to colour WHITE R01



Accessories and spare parts - see from page 453

# ALICE 18 HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=30°C	
125	5	72	90	108	126	144	181	217	253	271	96	1,2304
150	6	90	112	135	157	179	224	269	314	336	120	1,2314
175	7	107	134	161	188	215	268	322	375	402	143	1,2324
200	8	125	156	187	219	250	312	375	437	468	166	1,2334
225	9	142	178	214	249	285	356	427	499	534	190	1,2344
250	10	160	200	240	280	320	400	479	559	599	213	1,2354
275	11	177	221	265	310	354	442	531	619	664	235	1,2364
300	12	194	242	291	339	388	485	582	678	727	258	1,2374
325	13	210	263	316	368	421	526	631	736	789	279	1,2384
350	14	227	283	340	397	453	567	680	793	850	301	1,2394
375	15	242	303	364	424	485	606	727	849	909	322	1,2404
400	16	258	322	387	451	516	645	774	903	967	342	1,2414
425	17	273	341	409	477	546	682	819	955	1023	362	1,2424
450	18	287	359	431	503	575	719	862	1006	1078	381	1,2407
475	19	302	377	452	528	603	754	905	1055	1131	400	1,2424
500	20	315	394	473	552	630	788	946	1103	1182	417	1,2442
525	21	328	411	493	575	657	821	985	1149	1232	434	1,2459
550	22	341	426	512	597	682	853	1023	1194	1279	451	1,2476
575	23	353	442	530	618	707	884	1060	1237	1325	467	1,2493
600	24	365	457	548	639	730	913	1096	1278	1370	482	1,2528
625	25	377	471	565	659	753	941	1130	1318	1412	496	1,2545
650	26	387	484	581	678	775	969	1162	1356	1453	510	1,2545
675	27	398	497	597	696	796	995	1194	1392	1492	524	1,2550
700	28	408	510	612	714	816	1020	1223	1427	1529	537	1,2555
725	29	417	522	626	730	835	1043	1252	1461	1565	549	1,2560
750	30	426	533	640	746	853	1066	1279	1492	1599	561	1,2564
800	32	443	554	665	776	886	1108	1330	1551	1662	583	1,2574
850	34	458	573	688	802	917	1146	1375	1604	1719	602	1,2593
900	36	472	590	708	826	944	1180	1416	1652	1770	619	1,2612
950	38	484	605	726	847	968	1210	1452	1693	1814	635	1,2630
1000	40	494	618	741	865	989	1236	1483	1730	1854	648	1,2649
1050	42	503	629	755	881	1007	1258	1510	1762	1887	659	1,2674
1125	45	514	643	771	900	1029	1286	1543	1800	1929	672	1,2704
1250	50	527	658	790	921	1053	1316	1580	1843	1974	686	1,2754
1375	55	532	665	798	931	1064	1330	1596	1862	1995	691	1,2804
1500	60	568	711	853	995	1137	1421	1705	1989	2132	737	1,2854
1625	65	586	733	879	1026	1172	1465	1758	2051	2198	758	1,2904
1750	70	602	753	904	1054	1205	1506	1807	2108	2259	777	1,2954

All intermediate sizes are available for widths from 5 to 70 elements and heights from 400 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER	Exp. n
Height H [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=30°C	
125	5	289	307	325	343	361	379	397	415	452	96	1,2304
150	6	359	381	404	426	448	471	493	516	561	120	1,2314
175	7	429	456	483	510	536	563	590	617	671	143	1,2324
200	8	500	531	562	593	624	656	687	718	781	166	1,2334
225	9	570	605	641	677	712	748	783	819	890	190	1,2344
250	10	639	679	719	759	799	839	879	919	999	213	1,2354
275	11	708	752	796	841	885	929	973	1018	1106	235	1,2364
300	12	775	824	872	921	969	1018	1066	1115	1212	258	1,2374
325	13	842	894	947	999	1052	1105	1157	1210	1315	279	1,2384
350	14	906	963	1020	1076	1133	1190	1246	1303	1416	301	1,2394
375	15	970	1030	1091	1152	1212	1273	1333	1394	1515	322	1,2404
400	16	1032	1096	1160	1225	1289	1354	1418	1483	1612	342	1,2414
425	17	1091	1160	1228	1296	1364	1432	1501	1569	1705	362	1,2424
450	18	1150	1222	1293	1365	1437	1509	1581	1653	1797	381	1,2407
475	19	1206	1281	1357	1432	1508	1583	1658	1734	1885	400	1,2424
500	20	1261	1340	1418	1497	1576	1655	1734	1812	1970	417	1,2442
525	21	1314	1396	1478	1560	1642	1724	1806	1888	2053	434	1,2459
550	22	1364	1450	1535	1620	1706	1791	1876	1961	2132	451	1,2476
575	23	1414	1502	1590	1679	1767	1855	1944	2032	2209	467	1,2493
600	24	1461	1552	1643	1735	1826	1917	2009	2100	2283	482	1,2528
625	25	1506	1600	1694	1788	1883	1977	2071	2165	2353	496	1,2545
650	26	1550	1646	1743	1840	1937	2034	2131	2228	2421	510	1,2545
675	27	1591	1691	1790	1890	1989	2089	2188	2288	2487	524	1,2550
700	28	1631	1733	1835	1937	2039	2141	2243	2345	2549	537	1,2555
725	29	1669	1774	1878	1982	2087	2191	2295	2400	2608	549	1,2560
750	30	1705	1812	1919	2025	2132	2238	2345	2452	2665	561	1,2564
800	32	1773	1884	1994	2105	2216	2327	2438	2548	2770	583	1,2574
850	34	1833	1948	2063	2177	2292	2406	2521	2636	2865	602	1,2593
900	36	1888	2005	2123	2241	2359	2477	2595	2713	2949	619	1,2612
950	38	1935	2056	2177	2298	2419	2540	2661	2782	3024	635	1,2630
1000	40	1977	2101	2224	2348	2471	2595	2719	2842	3089	648	1,2649
1050	42	2013	2139	2265	2391	2517	2642	2768	2894	3146	659	1,2674
1125	45	2057	2186	2314	2443	2572	2700	2829	2957	3215	672	1,2704
1250	50	2106	2238	2369	2501	2633	2764	2896	3027	3291	686	1,2754
1375	55	2128	2261	2394	2527	2660	2793	2926	3059	3325	691	1,2804
1500	60	2274	2416	2558	2700	2842	2984	3126	3268	3553	737	1,2854
1625	65	2344	2491	2637	2784	2930	3077	3223	3370	3663	758	1,2904
1750	70	2410	2560	2711	2861	3012	3163	3313	3464	3765	777	1,2954





# ALICE 18 TANDEM VERTICAL



page 164



**EUROPEAN  
WARRANTY**

## RESTYLING

### MATERIAL:

- Horizontal collectors in painted mild steel  $\varnothing$  30 mm.
- Double vertical heating elements in painted mild steel  $\varnothing$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### COLOURS:

See colour chart on page 486.

### ACCESSORIES:

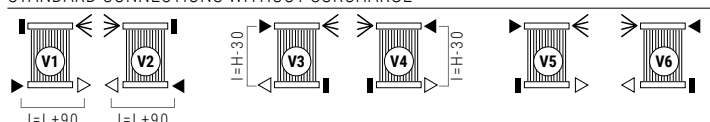
For the complete list, please refer to the accessories chapter.

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. $\Delta T = 50^\circ\text{C}$ [Watt]	29	30,6	34,2	35,7	44,2	45,6	50,4	53,7	62,8
Therm. output per el. $\Delta T = 30^\circ\text{C}$ [Watt]	15,5	15,7	18,1	18,4	22,9	23,5	26	27,5	32,2
Dry Weight per section [kg]	0,462	0,487	0,546	0,571	0,714	0,739	0,823	0,882	1,050
Element water content [lt]	0,231	0,246	0,271	0,283	0,352	0,364	0,404	0,432	0,512
Element surface [m <sup>2</sup> ]	0,061	0,065	0,073	0,076	0,095	0,099	0,110	0,118	0,140
Exp. n	1,2196	1,2308	1,2420	1,2530	1,2870	1,3092	1,3094	1,3095	1,3097
Pipe centres I [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\text{n}$

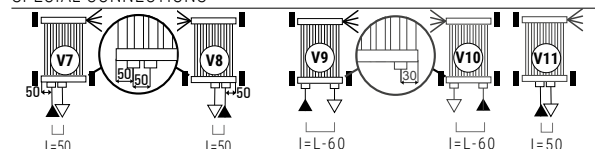
Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta T = 50^\circ\text{C}$ [Watt]	71,5	79,8	87,7	91,6	95,3	99	102,6	106,2	113
Therm. output per el. $\Delta T = 30^\circ\text{C}$ [Watt]	36,6	40,9	44,9	46,9	48,8	50,7	52,5	55,6	59,3
Dry Weight per section [kg]	1,218	1,385	1,553	1,637	1,721	1,805	1,889	1,973	2,141
Element water content [lt]	0,593	0,673	0,754	0,794	0,834	0,874	0,915	0,955	1,035
Element surface [m <sup>2</sup> ]	0,163	0,186	0,208	0,220	0,231	0,242	0,254	0,265	0,287
Exp. n	1,3099	1,3101	1,3104	1,3106	1,3107	1,3109	1,3111	1,3112	1,3114
Pipe centres I [mm] (V3-V4 only)	1370	1570	1770	1870	1970	2070	2170	2270	2470

## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ► Out    ◀ airvent    H Height    I pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 18 TANDEM VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	C	
<b>EXAMPLE</b>	<b>AT18</b>	<b>24</b>	<b>080</b>	<b>V08</b>	<b>S16</b>	<b>C</b>
	Radiator model E.g.: Alice 18 tandem vertical	Nr of Elements E.g.: 24 elements	Height in cm Example: 800 mm	Code of the connection Example: connection V8	Code of the colour Example: S16 - Canary	Constant value

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AT18** ALICE 18 TANDEM VERTICAL

**24** 24 elements (see the table shown on the side)

**080** Height 800 mm (see the table shown on the side)

**V08** connection V08

**S16** colour S16 - Canary (see page 486)

**C** (Constant value)

The article code will be:

**AT18 24 080 V08 S16 C**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

# ALICE 18 TANDEM VERTICAL

Height H [mm]		500	530	600	630	800	830	930	1000	1200
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	145	153	171	179	221	228	252	269	314
150	6	174	184	205	214	265	274	302	322	377
175	7	203	214	239	250	309	319	353	376	440
200	8	232	245	274	286	354	365	403	430	502
225	9	261	275	308	321	398	410	454	483	565
250	10	290	306	342	357	442	456	504	537	628
275	11	319	337	376	393	486	502	554	591	691
300	12	348	367	410	428	530	547	605	644	754
325	13	377	398	445	464	575	593	655	698	816
350	14	406	428	479	500	619	638	706	752	879
375	15	435	459	513	536	663	684	756	806	942
400	16	464	490	547	571	707	730	806	859	1005
425	17	493	520	581	607	751	775	857	913	1068
450	18	522	551	616	643	796	821	907	967	1130
475	19	551	581	650	678	840	866	958	1020	1193
500	20	580	612	684	714	884	912	1008	1074	1256
525	21	609	643	718	750	928	958	1058	1128	1319
550	22	638	673	752	785	972	1003	1109	1181	1382
575	23	667	704	787	821	1017	1049	1159	1235	1444
600	24	696	734	821	857	1061	1094	1210	1289	1507
625	25	725	765	855	893	1105	1140	1260	1343	1570
650	26	754	796	889	928	1149	1186	1310	1396	1633
675	27	783	826	923	964	1193	1231	1361	1450	1696
700	28	812	857	958	1000	1238	1277	1411	1504	1758
725	29	841	887	992	1035	1282	1322	1462	1557	1821
750	30	870	918	1026	1071	1326	1368	1512	1611	1884
775	31	899	949	1060	1107	1370	1414	1562	1665	1947
800	32	928	979	1094	1142	1414	1459	1613	1718	2010
825	33	957	1010	1129	1178	1459	1505	1663	1772	2072
850	34	986	1040	1163	1214	1503	1550	1714	1826	2135
875	35	1015	1071	1197	1250	1547	1596	1764	1880	2198
900	36	1044	1102	1231	1285	1591	1642	1814	1933	2261
925	37	1073	1132	1265	1321	1635	1687	1865	1987	2324
950	38	1102	1163	1300	1357	1680	1733	1915	2041	2386
975	39	1131	1193	1334	1392	1724	1778	1966	2094	2449
1000	40	1160	1224	1368	1428	1768	1824	2016	2148	2512

All intermediate sizes are available for widths from 5 to 40 elements and heights from 500 to 2500 mm



Height H [mm]		1400	1600	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
125	5	358	399	439	458	477	495	513	531	565
150	6	429	479	526	550	572	594	616	637	678
175	7	501	559	614	641	667	693	718	743	791
200	8	572	638	702	733	762	792	821	850	904
225	9	644	718	789	824	858	891	923	956	1017
250	10	715	798	877	916	953	990	1026	1062	1130
275	11	787	878	965	1008	1048	1089	1129	1168	1243
300	12	858	958	1052	1099	1144	1188	1231	1274	1356
325	13	930	1037	1140	1191	1239	1287	1334	1381	1469
350	14	1001	1117	1228	1282	1334	1386	1436	1487	1582
375	15	1073	1197	1316	1374	1430	1485	1539	1593	1695
400	16	1144	1277	1403	1466	1525	1584	1642	1699	1808
425	17	1216	1357	1491	1557	1620	1683	1744	1805	1921
450	18	1287	1436	1579	1649	1715	1782	1847	1912	2034
475	19	1359	1516	1666	1740	1811	1881	1949	2018	2147
500	20	1430	1596	1754	1832	1906	1980	2052	2124	2260
525	21	1502	1676	1842	1924	2001	2079	2155	2230	2373
550	22	1573	1756	1929	2015	2097	2178	2257	2336	2486
575	23	1645	1835	2017	2107	2192	2277	2360	2443	2599
600	24	1716	1915	2105	2198	2287	2376	2462	2549	2712
625	25	1788	1995	2193	2290	2383	2475	2565	2655	2825
650	26	1859	2075	2280	2382	2478	2574	2668	2761	2938
675	27	1931	2155	2368	2473	2573	2673	2770	2867	3051
700	28	2002	2234	2456	2565	2668	2772	2873	2974	3164
725	29	2074	2314	2543	2656	2764	2871	2975	3080	3277
750	30	2145	2394	2631	2748	2859	2970	3078	3186	3390
775	31	2217	2474	2719	2840	2954	3069	3181	3292	3503
800	32	2288	2554	2806	2931	3050	3168	3283	3398	3616
825	33	2360	2633	2894	3023	3145	3267	3386	3505	3729
850	34	2431	2713	2982	3114	3240	3366	3488	3611	3842
875	35	2503	2793	3070	3206	3336	3465	3591	3717	3955
900	36	2574	2873	3157	3298	3431	3564	3694	3823	4068
925	37	2646	2953	3245	3389	3526	3663	3796	3929	4181
950	38	2717	3032	3333	3481	3621	3762	3899	4036	4294
975	39	2789	3112	3420	3572	3717	3861	4001	4142	4407
1000	40	2860	3192	3508	3664	3812	3960	4104	4248	4520



# ALICE 18 TANDEM HORIZONTAL



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**EUROPEAN  
WARRANTY**

## RESTYLING

### MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  30 mm.
- Double horizontal heating elements in painted mild steel  $\phi$  18 mm.

### FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

### PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

### PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

### COLOURS:

See colour chart on page 486.

### ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,378	0,462	0,546	0,630	0,714	0,882	1,050	1,218	1,302
Element water content [lt]	0,191	0,231	0,271	0,311	0,352	0,432	0,512	0,593	0,633
Element surface [m <sup>2</sup> ]	0,050	0,061	0,073	0,084	0,095	0,118	0,140	0,163	0,174
Pipe centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

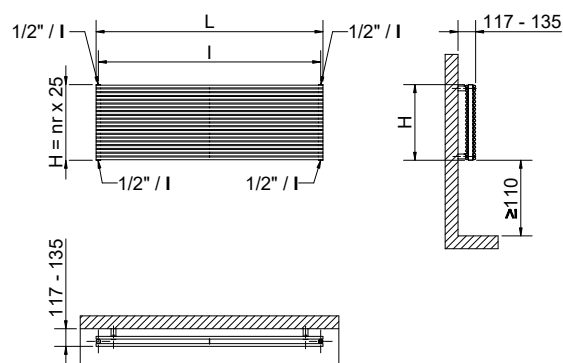
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,385	1,469	1,553	1,637	1,721	1,805	1,889	1,973	2,141
Element water content [lt]	0,673	0,714	0,754	0,794	0,834	0,874	0,915	0,955	1,035
Element surface [m <sup>2</sup> ]	0,186	0,197	0,208	0,220	0,231	0,242	0,254	0,265	0,287
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

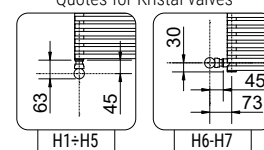
T. Max: 110° C

Functioning: hot water

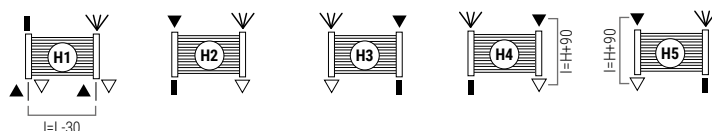
Connections: n° 2 x 1/2" G - 1 x 1/2" G



Quotes for Kristal valves

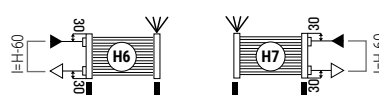


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In ◄ Out ◄ airvent H Height l pipe centres L width □ connection ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 18 TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	C	
<b>EXAMPLE</b>	Radiator model E.g.: Alice 18 tandem horizontal	Nr of Elements E.g.: 20 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H4	Code of the colour Example: S16 - Canary	Constant value
	AT18	20	120	H04	S16	C

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AT18** ALICE 18 TANDEM HORIZONTAL

**20** 20 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H04** connection H4

**S16** colour S16 - Canary (see page 486)

**C** (Constant value)

The article code will be:

**AT18 20 120 H04 S16 C**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

**Kristal valve square  
with thermostatic option  
white R01**



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311161  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311160

**Kristal valve corner right  
with thermostatic option  
white R01**



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311176  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311175

**Pair of white tube cover  
kit**



Art. nr. 5103000000060

Art. nr. are referred to colour WHITE R01

# ALICE 18 TANDEM HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
125	5	196	245	294	343	392	490	588	685	734	270		1,1615
150	6	222	277	333	388	444	555	666	777	832	305		1,1690
175	7	246	308	370	431	493	616	739	863	924	338		1,1765
200	8	270	337	405	472	539	674	809	944	1011	368		1,1840
225	9	292	365	438	511	584	729	875	1021	1094	397		1,1915
250	10	313	391	469	547	626	782	939	1095	1173	424		1,1990
275	11	333	416	500	583	666	833	999	1166	1249	449		1,2065
300	12	352	440	528	617	705	881	1057	1233	1321	474		1,2140
325	13	371	464	556	649	742	927	1113	1298	1391	497		1,2215
350	14	389	486	583	681	778	972	1167	1361	1458	519		1,2290
375	15	406	508	609	711	812	1015	1218	1422	1523	540		1,2365
400	16	423	529	634	740	846	1057	1269	1480	1586	560		1,2440
425	17	439	549	659	768	878	1098	1317	1537	1646	579		1,2515
450	18	455	568	682	796	909	1137	1364	1591	1705	598		1,2589
475	19	470	587	705	822	940	1175	1409	1644	1762	615		1,2664
500	20	484	606	727	848	969	1211	1453	1696	1817	632		1,2739
525	21	499	623	748	873	997	1247	1496	1745	1870	648		1,2814
550	22	512	641	769	897	1025	1281	1537	1794	1922	663		1,2889
575	23	526	657	789	920	1052	1315	1578	1841	1972	678		1,2964
600	24	539	674	808	943	1078	1347	1617	1886	2021	692		1,3039
625	25	552	690	827	965	1103	1379	1655	1931	2069	706		1,3114
650	26	564	705	846	987	1128	1410	1692	1974	2115	719		1,3189
675	27	576	720	864	1008	1152	1440	1728	2015	2159	742		1,2988
700	28	587	734	881	1028	1175	1469	1762	2056	2203	764		1,2787
725	29	599	749	898	1048	1198	1497	1796	2096	2246	787		1,2586
750	30	610	762	915	1067	1220	1525	1829	2134	2287	810		1,2385
775	31	621	776	931	1086	1241	1551	1862	2172	2327	833		1,2184
800	32	631	789	946	1104	1262	1577	1893	2208	2366	855		1,1983
825	33	641	801	962	1122	1282	1603	1923	2244	2404	868		1,2017
850	34	651	814	977	1139	1302	1628	1953	2279	2441	879		1,2051
875	35	661	826	991	1156	1321	1652	1982	2312	2477	891		1,2085
900	36	670	838	1005	1173	1340	1675	2010	2345	2513	902		1,2119
925	37	679	849	1019	1189	1358	1698	2037	2377	2547	913		1,2154
950	38	688	860	1032	1204	1376	1720	2064	2408	2580	923		1,2188
975	39	697	871	1045	1219	1393	1742	2090	2439	2613	933		1,2222
1000	40	705	881	1058	1234	1410	1763	2115	2468	2644	943		1,2256

All intermediate sizes are available for widths from 5 to 40 elements and heights from 400 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
125	5	783	832	881	930	979	1028	1077	1126	1224	270		1,1615
150	6	888	943	999	1054	1110	1165	1221	1276	1387	305		1,1690
175	7	986	1048	1109	1171	1232	1294	1356	1417	1541	338		1,1765
200	8	1079	1146	1214	1281	1348	1416	1483	1551	1686	368		1,1840
225	9	1167	1240	1313	1386	1459	1532	1605	1678	1824	397		1,1915
250	10	1251	1330	1408	1486	1564	1642	1721	1799	1955	424		1,1990
275	11	1332	1415	1499	1582	1665	1748	1832	1915	2081	449		1,2065
300	12	1409	1497	1585	1674	1762	1850	1938	2026	2202	474		1,2140
325	13	1484	1577	1669	1762	1855	1948	2040	2133	2319	497		1,2215
350	14	1556	1653	1750	1847	1944	2042	2139	2236	2431	519		1,2290
375	15	1625	1726	1828	1929	2031	2132	2234	2335	2539	540		1,2365
400	16	1692	1797	1903	2009	2114	2220	2326	2432	2643	560		1,2440
425	17	1756	1866	1976	2085	2195	2305	2415	2524	2744	579		1,2515
450	18	1819	1932	2046	2160	2273	2387	2501	2614	2842	598		1,2589
475	19	1879	1997	2114	2232	2349	2466	2584	2701	2936	615		1,2664
500	20	1938	2059	2180	2301	2422	2543	2664	2786	3028	632		1,2739
525	21	1995	2119	2244	2369	2493	2618	2743	2867	3117	648		1,2814
550	22	2050	2178	2306	2434	2562	2691	2819	2947	3203	663		1,2889
575	23	2104	2235	2367	2498	2630	2761	2893	3024	3287	678		1,2964
600	24	2156	2290	2425	2560	2695	2829	2964	3099	3368	692		1,3039
625	25	2206	2344	2482	2620	2758	2896	3034	3172	3448	706		1,3114
650	26	2256	2396	2537	2678	2819	2960	3101	3242	3524	719		1,3189
675	27	2303	2447	2591	2735	2879	3023	3167	3311	3599	742		1,2988
700	28	2350	2497	2644	2791	2937	3084	3231	3378	3672	764		1,2787
725	29	2395	2545	2695	2844	2994	3144	3293	3443	3743	787		1,2586
750	30	2439	2592	2744	2897	3049	3201	3354	3506	3811	810		1,2385
775	31	2482	2637	2792	2947	3103	3258	3413	3568	3878	833		1,2184
800	32	2524	2682	2839	2997	3155	3313	3470	3628	3944	855		1,1983
825	33	2564	2725	2885	3045	3206	3366	3526	3686	4007	868		1,2017
850	34	2604	2767	2930	3092	3255	3418	3581	3743	4069	879		1,2051
875	35	2643	2808	2973	3138	3303	3468	3634	3799	4129	891		1,2085
900	36	2680	2848	3015	3183	3350	3518	3685	3853	4188	902		1,2119
925	37	2717	2886	3056	3226	3396	3566	3735	3905	4245	913		1,2154
950	38	2752	2924	3096	3268	3440	3612	3784	3956	4300	923		1,2188
975	39	2787	2961	3135	3309	3484	3658	3832	4006	4355	933		1,2222
1000	40	2821	2997	3173	3350	3526	3702	3878	4055	4407	943		1,2256



# ALICE 22 VERTICAL



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**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  30 mm.
- Vertical heating elements in painted mild steel  $\phi$  22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

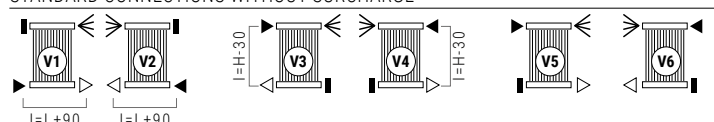
For the complete list, please refer to the accessories chapter.

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	19	23,4	27,6	31,7	35,8	43,8	51,5	59	62,7
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	9,9	12,2	14,5	16,7	18,9	23,1	27,2	31,1	33
Dry Weight per section [kg]	0,271	0,322	0,374	0,426	0,478	0,582	0,685	0,789	0,841
Element water content [lt]	0,16	0,191	0,223	0,254	0,286	0,349	0,411	0,474	0,5
Element surface [m <sup>2</sup> ]	0,33	0,04	0,047	0,054	0,061	0,075	0,089	0,102	0,109
Exp. n	1,2757	1,2695	1,2634	1,2573	1,2512	1,2470	1,2508	1,2546	1,2565
Pipe centres I [mm] (V3-V4 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\alpha$

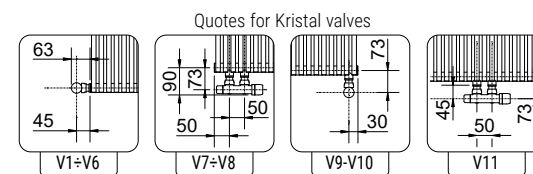
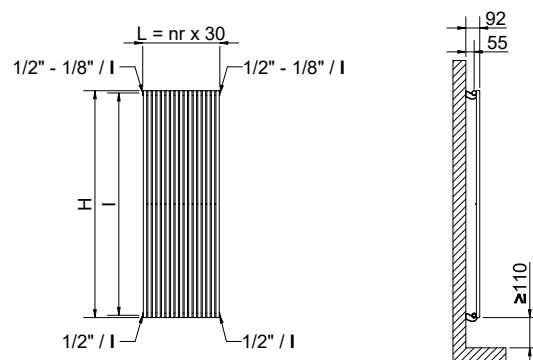
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	66,3	69,9	73,4	76,9	80,4	83,3	87,1	90,5	97
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	34,8	36,7	38,4	40,2	41,9	43,6	45,3	47,7	51,2
Dry Weight per section [kg]	0,893	0,945	0,996	1,048	1,1	1,152	1,204	1,256	1,359
Element water content [lt]	0,537	0,568	0,6	0,631	0,663	0,694	0,726	0,757	0,82
Element surface [m <sup>2</sup> ]	0,116	0,123	0,13	0,137	0,144	0,151	0,158	0,165	0,178
Exp. n	1,2599	1,2633	1,2667	1,2701	1,2735	1,2769	1,2803	1,2837	1,2871
Pipe centres I [mm] (V3-V4 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

## STANDARD CONNECTIONS WITHOUT SURCHARGE

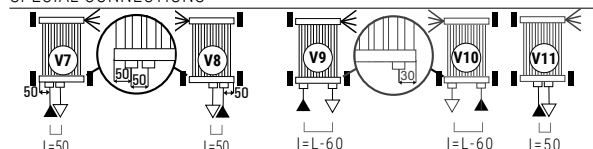


**LEGENDA:** ► In    ► Out    ◀ airvent    H Height    I pipe centres    L width

P. max: 8 bar    T. max: 110° C  
Functioning: hot water    Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



## SPECIAL CONNECTIONS



□ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 22 VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	AL22	24	080	V01	S16	A

**EXAMPLE OF ARTICLE CODE CREATION**  
In the case of a radiator:  
**AL22** ALICE 22 VERTICAL  
**24** 24 elements (see the table shown on the side)  
**080** Height 800 mm (see the table shown on the side)  
**V01** connection V1  
**S16** colour S16 - Canary (see page 486)  
**A** (Constant value)  
The article code will be:  
**AL22 24 080 V01 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



# ALICE 22 VERTICAL

Height H [mm]		400	500	600	700	800	1000	1200	1400	1500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
150	5	95	117	138	159	179	219	258	295	314
180	6	114	140	166	190	215	263	309	354	376
210	7	133	164	193	222	251	307	361	413	439
240	8	152	187	221	254	286	350	412	472	502
270	9	171	211	248	285	322	394	464	531	564
300	10	190	234	276	317	358	438	515	590	627
330	11	209	257	304	349	394	482	567	649	690
360	12	228	281	331	380	430	526	618	708	752
390	13	247	304	359	412	465	569	670	767	815
420	14	266	328	386	444	501	613	721	826	878
450	15	285	351	414	476	537	657	773	885	941
480	16	304	374	442	507	573	701	824	944	1003
510	17	323	398	469	539	609	745	876	1003	1066
540	18	342	421	497	571	644	788	927	1062	1129
570	19	361	445	524	602	680	832	979	1121	1191
600	20	380	468	552	634	716	876	1030	1180	1254
630	21	399	491	580	666	752	920	1082	1239	1317
660	22	418	515	607	697	788	964	1133	1298	1379
690	23	437	538	635	729	823	1007	1185	1357	1442
720	24	456	562	662	761	859	1051	1236	1416	1505
750	25	475	585	690	793	895	1095	1288	1475	1568
780	26	494	608	718	824	931	1139	1339	1534	1630
810	27	513	632	745	856	967	1183	1391	1593	1693
840	28	532	655	773	888	1002	1226	1442	1652	1756
870	29	551	679	800	919	1038	1270	1494	1711	1818
900	30	570	702	828	951	1074	1314	1545	1770	1881
960	32	608	749	883	1014	1146	1402	1648	1888	2006
1020	34	646	796	938	1078	1217	1489	1751	2006	2132
1080	36	684	842	994	1141	1289	1577	1854	2124	2257
1140	38	722	889	1049	1205	1360	1664	1957	2242	2383
1200	40	760	936	1104	1268	1432	1752	2060	2360	2508
1260	42	798	983	1159	1331	1504	1840	2163	2478	2633
1320	44	836	1030	1214	1395	1575	1927	2266	2596	2759
1380	46	874	1076	1270	1458	1647	2015	2369	2714	2884
1440	48	912	1123	1325	1522	1718	2102	2472	2832	3010
1500	50	950	1170	1380	1585	1790	2190	2575	2950	3135
1560	52	988	1217	1435	1648	1862	2278	2678	3068	3260
1620	54	1026	1264	1490	1712	1933	2365	2781	3186	3386

All intermediate sizes are available for widths from 5 to 54 elements and heights from 400 to 2500 mm

Height H [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
150	5	332	350	367	385	402	417	436	453	485
180	6	398	419	440	461	482	500	523	543	582
210	7	464	489	514	538	563	583	610	634	679
240	8	530	559	587	615	643	666	697	724	776
270	9	597	629	661	692	724	750	784	815	873
300	10	663	699	734	769	804	833	871	905	970
330	11	729	769	807	846	884	916	958	996	1067
360	12	796	839	881	923	965	1000	1045	1086	1164
390	13	862	909	954	1000	1045	1083	1132	1177	1261
420	14	928	979	1028	1077	1126	1166	1219	1267	1358
450	15	995	1049	1101	1154	1206	1250	1307	1358	1455
480	16	1061	1118	1174	1230	1286	1333	1394	1448	1552
510	17	1127	1188	1248	1307	1367	1416	1481	1539	1649
540	18	1193	1258	1321	1384	1447	1499	1568	1629	1746
570	19	1260	1328	1395	1461	1528	1583	1655	1720	1843
600	20	1326	1398	1468	1538	1608	1666	1742	1810	1940
630	21	1392	1468	1541	1615	1688	1749	1829	1901	2037
660	22	1459	1538	1615	1692	1769	1833	1916	1991	2134
690	23	1525	1608	1688	1769	1849	1916	2003	2082	2231
720	24	1591	1678	1762	1846	1930	1999	2090	2172	2328
750	25	1658	1748	1835	1923	2010	2083	2178	2263	2425
780	26	1724	1817	1908	1999	2090	2166	2265	2353	2522
810	27	1790	1887	1982	2076	2171	2249	2352	2444	2619
840	28	1856	1957	2055	2153	2251	2332	2439	2534	2716
870	29	1923	2027	2129	2230	2332	2416	2526	2625	2813
900	30	1989	2097	2202	2307	2412	2499	2613	2715	2910
960	32	2122	2237	2349	2461	2573	2666	2787	2896	3104
1020	34	2254	2377	2496	2615	2734	2832	2961	3077	3298
1080	36	2387	2516	2642	2768	2894	2999	3136	3258	3492
1140	38	2519	2656	2789	2922	3055	3165	3310	3439	3686
1200	40	2652	2796	2936	3076	3216	3332	3484	3620	3880
1260	42	2785	2936	3083	3230	3377	3499	3658	3801	4074
1320	44	2917	3076	3230	3384	3538	3665	3832	3982	4268
1380	46	3050	3215	3376	3537	3698	3832	4007	4163	4462
1440	48	3182	3355	3523	3691	3859	3998	4181	4344	4656
1500	50	3315	3495	3670	3845	4020	4165	4355	4525	4850
1560	52	3448	3635	3817	3999	4181	4332	4529	4706	5044
1620	54	3580	3775	3964	4153	4342	4498	4703	4887	5238



# ALICE 22 HORIZONTAL



page 170



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice. The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,271	0,322	0,374	0,426	0,478	0,582	0,685	0,789	0,841
Element water content [lt]	0,16	0,191	0,223	0,254	0,286	0,349	0,411	0,474	0,5
Element surface [m²]	0,33	0,04	0,047	0,054	0,061	0,075	0,089	0,102	0,109
Pipe centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

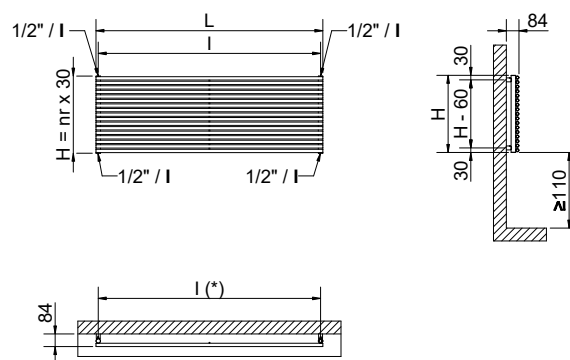
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	0,893	0,945	0,996	1,048	1,1	1,152	1,204	1,256	1,359
Element water content [lt]	0,537	0,568	0,6	0,631	0,663	0,694	0,726	0,757	0,82
Element surface [m²]	0,116	0,123	0,13	0,137	0,144	0,151	0,158	0,165	0,178
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

T. Max: 110° C

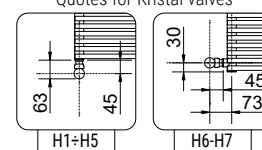
Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

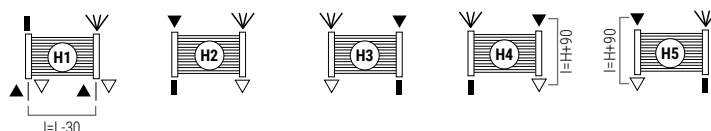


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

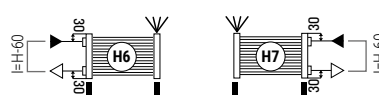


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In   ► Out   ◀ airvent   H Height   l pipe centres   L width   □ connection   ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 22 HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Alice 22 horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H1	Code of the colour Example: S16 - Canary	Constant value
	AL22	12	120	H01	S16	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AL22** ALICE 22 HORIZONTAL

**12** 24 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H01** connection H1

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**AL22 12 120 H01 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve corner right with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311176</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311175</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

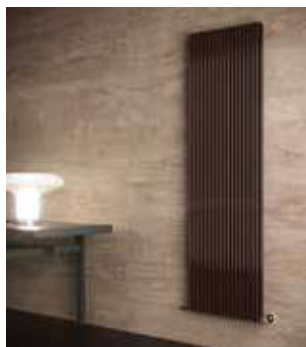
Accessories and spare parts - see from page 453

# ALICE 22 HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
150	5	70	87	105	122	140	174	209	244	262	90	113	1,1992
180	6	88	109	131	153	175	219	263	306	328	113	137	1,2016
210	7	106	132	159	185	212	265	317	370	397	137	162	1,2040
240	8	124	156	187	218	249	311	373	436	467	162	196	1,2064
270	9	143	179	215	251	287	358	430	502	538	186	228	1,2088
300	10	162	203	244	284	325	406	487	569	609	212	257	1,2112
330	11	182	227	273	318	363	454	545	636	681	237	286	1,2136
360	12	201	251	301	352	402	502	603	703	754	263	316	1,2160
390	13	220	275	330	385	440	551	661	771	826	288	346	1,2184
420	14	239	299	359	419	479	599	718	838	898	314	376	1,2208
450	15	259	323	388	453	517	647	776	905	970	340	407	1,2232
480	16	278	347	416	486	555	694	833	972	1041	371	438	1,2271
510	17	297	371	445	519	593	741	890	1038	1112	396	468	1,2296
540	18	315	394	473	552	631	788	946	1104	1182	420	500	1,2321
570	19	334	417	501	584	668	835	1002	1169	1252	444	529	1,2346
600	20	352	440	528	617	705	881	1057	1233	1321	468	554	1,2371
630	21	370	463	556	648	741	926	1111	1297	1389	492	584	1,2396
660	22	388	486	583	680	777	971	1165	1359	1457	515	610	1,2421
690	23	406	508	609	711	812	1015	1218	1421	1523	538	636	1,2446
720	24	424	529	635	741	847	1059	1271	1482	1588	560	664	1,2471
750	25	441	551	661	771	881	1102	1322	1543	1653	585	690	1,2386
780	26	458	572	686	801	915	1144	1373	1602	1716	610	721	1,2302
810	27	474	593	711	830	949	1186	1423	1660	1779	635	750	1,2217
840	28	491	613	736	859	981	1227	1472	1717	1840	660	780	1,2133
870	29	507	633	760	887	1013	1267	1520	1773	1900	685	804	1,2048
900	30	522	653	784	914	1045	1306	1567	1828	1959	709	829	1,1964
960	32	553	691	830	968	1106	1383	1659	1936	2074	751	881	1,1949
1020	34	582	728	874	1019	1165	1456	1747	2038	2184	791	924	1,1933
1080	36	610	763	916	1068	1221	1526	1831	2137	2289	830	964	1,1918
1140	38	637	797	956	1115	1275	1593	1912	2231	2390	868	1002	1,1902
1200	40	663	829	994	1160	1326	1657	1989	2320	2486	912	1046	1,1835
1260	42	687	859	1031	1203	1375	1718	2062	2406	2578	950	1087	1,1817
1320	44	710	888	1066	1243	1421	1776	2131	2487	2664	986	1127	1,1799
1380	46	732	916	1099	1282	1465	1831	2197	2563	2747	1020	1167	1,1781
1440	48	753	941	1130	1318	1506	1883	2259	2636	2824	1052	1202	1,1763
1500	50	773	966	1159	1352	1545	1932	2318	2704	2897	1084	1242	1,1745
1560	52	791	989	1186	1384	1582	1977	2373	2768	2966	1114	1277	1,1727
1620	54	808	1010	1212	1414	1616	2020	2425	2829	3031	1142	1312	1,1709

All intermediate sizes are available for widths from 5 to 54 elements and heights from 400 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
150	5	279	297	314	332	349	366	384	401	436	90	113	1,1992
180	6	350	372	394	416	438	460	482	503	547	113	137	1,2016
210	7	423	450	476	503	529	556	582	609	661	137	162	1,2040
240	8	498	529	560	591	622	653	685	716	778	162	196	1,2064
270	9	574	609	645	681	717	753	789	824	896	186	228	1,2088
300	10	650	690	731	772	812	853	894	934	1015	212	257	1,2112
330	11	727	772	818	863	908	954	999	1045	1135	237	286	1,2136
360	12	804	854	904	954	1005	1055	1105	1155	1256	263	316	1,2160
390	13	881	936	991	1046	1101	1156	1211	1266	1376	288	346	1,2184
420	14	958	1018	1077	1137	1197	1257	1317	1377	1497	314	376	1,2208
450	15	1034	1099	1164	1228	1293	1358	1422	1487	1616	340	407	1,2232
480	16	1111	1180	1249	1319	1388	1458	1527	1596	1735	371	438	1,2271
510	17	1186	1260	1335	1409	1483	1557	1631	1705	1854	396	468	1,2296
540	18	1261	1340	1419	1498	1577	1655	1734	1813	1971	420	500	1,2321
570	19	1336	1419	1503	1586	1670	1753	1837	1920	2087	444	529	1,2346
600	20	1409	1497	1585	1674	1762	1850	1938	2026	2202	468	554	1,2371
630	21	1482	1575	1667	1760	1852	1945	2038	2130	2316	492	584	1,2396
660	22	1554	1651	1748	1845	1942	2039	2136	2233	2428	515	610	1,2421
690	23	1624	1726	1828	1929	2031	2132	2234	2335	2538	538	636	1,2446
720	24	1694	1800	1906	2012	2118	2224	2330	2435	2647	560	664	1,2471
750	25	1763	1873	1983	2093	2204	2314	2424	2534	2755	585	690	1,2386
780	26	1831	1945	2059	2174	2288	2403	2517	2631	2860	610	721	1,2302
810	27	1897	2016	2134	2253	2371	2490	2609	2727	2964	635	750	1,2217
840	28	1962	2085	2208	2330	2453	2576	2698	2821	3066	660	780	1,2133
870	29	2027	2153	2280	2407	2533	2660	2787	2913	3167	685	804	1,2048
900	30	2090	2220	2351	2481	2612	2743	2873	3004	3265	709	829	1,1964
960	32	2212	2350	2489	2627	2765	2903	3042	3180	3456	751	881	1,1949
1020	34	2329	2475	2621	2766	2912	3057	3203	3349	3640	791	924	1,1933
1080	36	2442	2595	2747	2900	3052	3205	3358	3510	3816	830	964	1,1918
1140	38	2549	2709	2868	3027	3187	3346	3505	3665	3984	868	1002	1,1902
1200	40	2652	2818	2983	3149	3315	3481	3646	3812	4144	912	1046	1,1835
1260	42	2749	2921	3093	3265	3437	3609	3780	3952	4296	950	1087	1,1817
1320	44	2842	3020	3197	3375	3552	3730	3908	4085	4441	986	1127	1,1799
1380	46	2930	3113	3296	3479	3662	3845	4028	4211	4578	1020	1167	1,1781
1440	48	3012	3201	3389	3577	3766	3954	4142	4330	4707	1052	1202	1,1763
1500	50	3091	3284	3477	3670	3863	4056	4249	4443	4829	1084	1242	1,1745
1560	52	3164	3362	3559	3757	3955	4153	4350	4548	4944	1114	1277	1,1727
1620	54	3233	3435	3637	3839	4041	4243	4445	4647	5051	1142	1312	1,1709



# ALICE 22 TANDEM VERTICAL



page 172



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel ø 30 mm.
- Double vertical heating elements in painted mild steel ø 22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

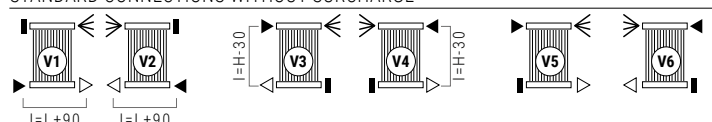
For the complete list, please refer to the accessories chapter.

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. $\Delta t = 50^\circ \text{C}$ [Watt]	35,7	37,5	41,6	43,4	53,1	54,7	60,2	64	74,4
Therm. output per el. $\Delta t = 30^\circ \text{C}$ [Watt]	18,5	19,4	21,5	22,4	27,3	28,2	30,9	32,9	38,2
Dry Weight per section [kg]	0,58	0,61	0,69	0,72	0,89	0,92	1,03	1,10	1,31
Element water content [lt]	0,349	0,367	0,411	0,43	0,537	0,556	0,619	0,663	0,788
Element surface [m <sup>2</sup> ]	0,075	0,079	0,089	0,093	0,116	0,12	0,134	0,144	0,172
Exp. n	1,2873	1,2886	1,2915	1,2928	1,2999	1,3012	1,3040	1,3037	1,3028
Pipe centres I [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ \text{C}$  x (desired  $\Delta T/50$ )<sup>n</sup>

Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ \text{C}$ [Watt]	84,5	94,2	103,6	108,2	112,7	117,2	121,6	125,9	134,4
Therm. output per el. $\Delta t = 30^\circ \text{C}$ [Watt]	43,4	48,3	52,9	55,1	57,3	59,4	61,5	64,9	69,4
Dry Weight per section [kg]	1,52	1,72	1,93	2,03	2,14	2,24	2,34	2,45	2,66
Element water content [lt]	0,914	1,04	1,165	1,228	1,291	1,354	1,417	1,479	1,605
Element surface [m <sup>2</sup> ]	0,199	0,227	0,254	0,268	0,282	0,296	0,31	0,324	0,351
Exp. n	1,3019	1,3060	1,3149	1,3194	1,3238	1,3283	1,3328	1,3372	1,3417
Pipe centres I [mm] (V3-V4 only)	1370	1570	1770	1870	1970	2070	2170	2270	2470

## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ► Out    ◀ airvent    H Height    I pipe centres    L width    □ connection    ■ welded cap

## HOW TO ORDER THE RADIATOR ALICE 22 TANDEM VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	<b>Radiator model</b> E.g.: Alice 22 tandem vertical	<b>Nr of Elements</b> E.g.: 24 elements	<b>Height in cm</b> Example: 800 mm	<b>Code of the connection</b> Example: connection V2	<b>Code of the colour</b> Example: S16 - Canary	<b>Constant value</b>
	AT22	24	080	V02	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AT22** ALICE 22 TANDEM VERTICAL

**24** 24 elements (see the table shown on the side)

**080** Height 800 mm (see the table shown on the side)

**V02** connection V2

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**AT22 24 080 V02 S16 A**

Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311185</p>	<p><b>Pair of white tube cover kit</b></p> <p>Art. nr. 5103000000060</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# ALICE 22 TANDEM VERTICAL

Height H [mm]		500	530	600	630	800	830	930	1000	1200
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
150	5	179	188	208	217	266	274	301	320	372
180	6	214	225	250	260	319	328	361	384	446
210	7	250	263	291	304	372	383	421	448	521
240	8	286	300	333	347	425	438	482	512	595
270	9	321	338	374	391	478	492	542	576	670
300	10	357	375	416	434	531	547	602	640	744
330	11	393	413	458	477	584	602	662	704	818
360	12	428	450	499	521	637	656	722	768	893
390	13	464	488	541	564	690	711	783	832	967
420	14	500	525	582	608	743	766	843	896	1042
450	15	536	563	624	651	797	821	903	960	1116
480	16	571	600	666	694	850	875	963	1024	1190
510	17	607	638	707	738	903	930	1023	1088	1265
540	18	643	675	749	781	956	985	1084	1152	1339
570	19	678	713	790	825	1009	1039	1144	1216	1414
600	20	714	750	832	868	1062	1094	1204	1280	1488
630	21	750	788	874	911	1115	1149	1264	1344	1562
660	22	785	825	915	955	1168	1203	1324	1408	1637
690	23	821	863	957	998	1221	1258	1385	1472	1711
720	24	857	900	998	1042	1274	1313	1445	1536	1786
750	25	893	938	1040	1085	1328	1368	1505	1600	1860
780	26	928	975	1082	1128	1381	1422	1565	1664	1934
810	27	964	1013	1123	1172	1434	1477	1625	1728	2009
840	28	1000	1050	1165	1215	1487	1532	1686	1792	2083
870	29	1035	1088	1206	1259	1540	1586	1746	1856	2158
900	30	1071	1125	1248	1302	1593	1641	1806	1920	2232
930	31	1107	1163	1290	1345	1646	1696	1866	1984	2306
960	32	1142	1200	1331	1389	1699	1750	1926	2048	2381
990	33	1178	1238	1373	1432	1752	1805	1987	2112	2455
1020	34	1214	1275	1414	1476	1805	1860	2047	2176	2530
1050	35	1250	1313	1456	1519	1859	1915	2107	2240	2604
1080	36	1285	1350	1498	1562	1912	1969	2167	2304	2678
1110	37	1321	1388	1539	1606	1965	2024	2227	2368	2753
1140	38	1357	1425	1581	1649	2018	2079	2288	2432	2827
1170	39	1392	1463	1622	1693	2071	2133	2348	2496	2902
1200	40	1428	1500	1664	1736	2124	2188	2408	2560	2976
1230	41	1464	1538	1706	1779	2177	2243	2468	2624	3050
1260	42	1499	1575	1747	1823	2230	2297	2528	2688	3125

All intermediate sizes are available for widths from 5 to 42 elements and heights from 500 to 2500 mm



Height H [mm]		1400	1600	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
150	5	423	471	518	541	564	586	608	630	672
180	6	507	565	622	649	676	703	730	755	806
210	7	592	659	725	757	789	820	851	881	941
240	8	676	754	829	866	902	938	973	1007	1075
270	9	761	848	932	974	1014	1055	1094	1133	1210
300	10	845	942	1036	1082	1127	1172	1216	1259	1344
330	11	930	1036	1140	1190	1240	1289	1338	1385	1478
360	12	1014	1130	1243	1298	1352	1406	1459	1511	1613
390	13	1099	1225	1347	1407	1465	1524	1581	1637	1747
420	14	1183	1319	1450	1515	1578	1641	1702	1763	1882
450	15	1268	1413	1554	1623	1691	1758	1824	1889	2016
480	16	1352	1507	1658	1731	1803	1875	1946	2014	2150
510	17	1437	1601	1761	1839	1916	1992	2067	2140	2285
540	18	1521	1696	1865	1948	2029	2110	2189	2266	2419
570	19	1606	1790	1968	2056	2141	2227	2310	2392	2554
600	20	1690	1884	2072	2164	2254	2344	2432	2518	2688
630	21	1775	1978	2176	2272	2367	2461	2554	2644	2822
660	22	1859	2072	2279	2380	2479	2578	2675	2770	2957
690	23	1944	2167	2383	2489	2592	2696	2797	2896	3091
720	24	2028	2261	2486	2597	2705	2813	2918	3022	3226
750	25	2113	2355	2590	2705	2818	2930	3040	3148	3360
780	26	2197	2449	2694	2813	2930	3047	3162	3273	3494
810	27	2282	2543	2797	2921	3043	3164	3283	3399	3629
840	28	2366	2638	2901	3030	3156	3282	3405	3525	3763
870	29	2451	2732	3004	3138	3268	3399	3526	3651	3898
900	30	2535	2826	3108	3246	3381	3516	3648	3777	4032
930	31	2620	2920	3212	3354	3494	3633	3770	3903	4166
960	32	2704	3014	3315	3462	3606	3750	3891	4029	4301
990	33	2789	3109	3419	3571	3719	3868	4013	4155	4435
1020	34	2873	3203	3522	3679	3832	3985	4134	4281	4570
1050	35	2958	3297	3626	3787	3945	4102	4256	4407	4704
1080	36	3042	3391	3730	3895	4057	4219	4378	4532	4838
1110	37	3127	3485	3833	4003	4170	4336	4499	4658	4973
1140	38	3211	3580	3937	4112	4283	4454	4621	4784	5107
1170	39	3296	3674	4040	4220	4395	4571	4742	4910	5242
1200	40	3380	3768	4144	4328	4508	4688	4864	5036	5376
1230	41	3465	3862	4248	4436	4621	4805	4986	5162	5510
1260	42	3549	3956	4351	4544	4733	4922	5107	5288	5645





# ALICE 22 TANDEM HORIZONTAL



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**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\varnothing$  30 mm.
- Double horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.  
The kit is certified from TÜV in compliance with VDI 6036 -

class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,478	0,582	0,685	0,789	0,893	1,1	1,307	1,515	1,618
Element water content [lt]	0,286	0,349	0,411	0,474	0,537	0,663	0,788	0,914	0,977
Element surface [m²]	0,061	0,075	0,089	0,102	0,116	0,144	0,172	0,199	0,213
Pipe centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

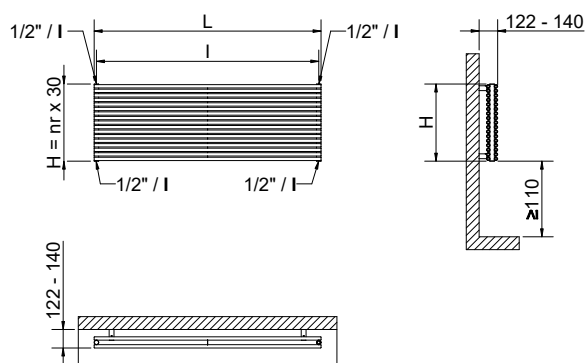
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,722	1,826	1,929	2,033	2,137	2,24	2,344	2,448	2,655
Element water content [lt]	1,04	1,102	1,165	1,228	1,291	1,354	1,417	1,479	1,605
Element surface [m²]	0,227	0,241	0,254	0,268	0,282	0,296	0,31	0,324	0,351
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

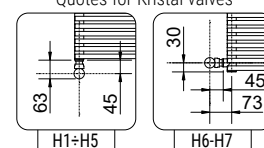
Functioning: hot water

T. Max: 110° C

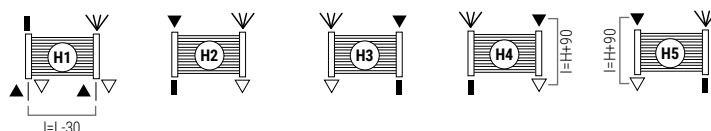
Connections: nn° 2 x 1/2" G - 1 x 1/2" G



Quotes for Kristal valves

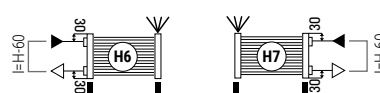


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 22 TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Alice 22 tandem horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H4	Code of the colour Example: S16 - Canary	Constant value
	AT22	12	120	H04	S16	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AT22** ALICE 22 TANDEM HORIZONTAL

**12** 12 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H04** connection H4

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**AT22 12 120 H04 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

**Kristal valve square  
with thermostatic option  
white R01**



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161  
Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160

**Kristal valve corner right  
with thermostatic option  
white R01**



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311176  
Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311175

**Pair of polished tube  
cover kit**



Art. nr. 5103000000061

Art. nr. are referred to colour WHITE R01



# ALICE 22 TANDEM HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
150	5	106	133	159	186	212	265	319	372	398	129	129	1,1948
180	6	135	168	202	236	269	337	404	471	505	165	165	1,1978
210	7	164	205	246	287	328	409	491	573	614	201	201	1,2008
240	8	193	242	290	338	386	483	580	676	725	238	238	1,2038
270	9	223	278	334	390	446	557	668	780	835	276	276	1,2068
300	10	252	315	378	441	504	630	756	883	946	313	313	1,2098
330	11	281	352	422	492	562	703	844	984	1055	351	351	1,2128
360	12	310	387	465	542	620	775	929	1084	1162	388	388	1,2158
390	13	338	422	507	591	676	845	1013	1182	1267	425	425	1,2188
420	14	365	456	548	639	730	913	1095	1278	1369	461	461	1,2218
450	15	392	490	588	686	783	979	1175	1371	1469	497	497	1,2248
480	16	418	522	626	731	835	1044	1253	1461	1566	533	533	1,2278
510	17	442	553	664	774	885	1106	1327	1548	1659	569	569	1,2316
540	18	466	583	700	816	933	1166	1399	1632	1749	604	604	1,2354
570	19	489	612	734	857	979	1224	1468	1713	1835	639	639	1,2393
600	20	512	639	767	895	1023	1279	1535	1790	1918	674	674	1,2431
630	21	533	666	799	932	1065	1332	1598	1864	1998	709	709	1,2469
660	22	553	691	829	967	1106	1382	1659	1935	2073	743	743	1,2507
690	23	572	715	858	1001	1144	1430	1716	2002	2145	777	777	1,2545
720	24	590	738	885	1033	1180	1475	1770	2066	2213	811	811	1,2583
750	25	607	759	911	1063	1215	1518	1822	2126	2278	845	845	1,2621
780	26	624	780	935	1091	1247	1559	1871	2183	2339	879	879	1,2659
810	27	639	799	958	1118	1278	1597	1916	2236	2396	913	913	1,2697
840	28	653	816	980	1143	1306	1633	1959	2286	2449	947	947	1,2735
870	29	667	833	1000	1166	1333	1666	2000	2333	2500	981	981	1,2773
900	30	679	849	1019	1188	1358	1698	2037	2377	2546	1015	1015	1,2811
930	31	691	863	1036	1208	1381	1726	2072	2417	2590	1049	1049	1,2849
960	32	701	877	1052	1227	1402	1753	2104	2454	2630	1083	1083	1,2887
990	33	711	889	1067	1244	1422	1778	2133	2489	2666	1117	1117	1,2925
1020	34	720	900	1080	1260	1440	1800	2160	2520	2700	1151	1151	1,2963
1050	35	728	910	1092	1274	1456	1821	2185	2549	2731	1185	1185	1,3001
1080	36	736	919	1103	1287	1471	1839	2207	2574	2758	1219	1219	1,3039
1110	37	742	928	1113	1299	1484	1855	2226	2598	2783	1253	1253	1,3077
1140	38	748	935	1122	1309	1496	1870	2244	2618	2805	1287	1287	1,3115
1170	39	753	941	1130	1318	1506	1883	2259	2636	2824	1321	1321	1,3153
1200	40	758	947	1136	1326	1515	1894	2273	2651	2841	1355	1355	1,3191
1230	41	761	952	1142	1332	1523	1903	2284	2664	2855	1389	1389	1,3229
1260	42	764	955	1147	1338	1529	1911	2293	2675	2866	1423	1423	1,3267

All intermediate sizes are available for widths from 5 to 42 elements and heights from 500 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
150	5	425	451	478	504	531	558	584	611	664	129	129	1,1948
180	6	539	572	606	640	673	707	741	774	842	165	165	1,1978
210	7	655	696	737	778	819	860	901	942	1024	201	201	1,2008
240	8	773	821	870	918	966	1015	1063	1111	1208	238	238	1,2038
270	9	891	947	1002	1058	1114	1170	1225	1281	1392	276	276	1,2068
300	10	1009	1072	1135	1198	1261	1324	1387	1450	1576	313	313	1,2098
330	11	1125	1195	1265	1336	1406	1476	1547	1617	1758	351	351	1,2128
360	12	1239	1317	1394	1472	1549	1627	1704	1781	1936	388	388	1,2158
390	13	1351	1436	1520	1605	1689	1774	1858	1942	2111	425	425	1,2188
420	14	1461	1552	1643	1734	1826	1917	2008	2100	2282	461	461	1,2218
450	15	1567	1665	1763	1861	1959	2057	2155	2252	2448	497	497	1,2248
480	16	1670	1774	1879	1983	2088	2192	2296	2401	2610	533	533	1,2278
510	17	1770	1880	1991	2101	2212	2323	2433	2544	2765	569	569	1,2316
540	18	1866	1982	2099	2215	2332	2449	2565	2682	2915	604	604	1,2354
570	19	1958	2080	2202	2325	2447	2570	2692	2814	3059	639	639	1,2393
600	20	2046	2174	2302	2430	2558	2686	2814	2941	3197	674	674	1,2431
630	21	2131	2264	2397	2530	2663	2797	2930	3063	3329	709	709	1,2469
660	22	2211	2350	2488	2626	2764	2902	3041	3179	3455	743	743	1,2507
690	23	2288	2431	2574	2717	2860	3003	3146	3289	3575	777	777	1,2545
720	24	2361	2508	2656	2803	2951	3098	3246	3393	3689	811	811	1,2583
750	25	2429	2581	2733	2885	3037	3189	3340	3492	3796	845	845	1,2621
780	26	2494	2650	2806	2962	3118	3274	3430	3586	3898	879	879	1,2659
810	27	2555	2715	2875	3034	3194	3354	3513	3673	3993	913	913	1,2697
840	28	2613	2776	2939	3103	3266	3429	3592	3756	4082	947	947	1,2735
870	29	2666	2833	3000	3166	3333	3499	3666	3833	4166	981	981	1,2773
900	30	2716	2886	3056	3225	3395	3565	3735	3904	4244	1015	1015	1,2811
930	31	2762	2935	3108	3280	3453	3625	3798	3971	4316	1049	1049	1,2849
960	32	2805	2980	3156	3331	3506	3682	3857	4032	4383	1083	1083	1,2887
990	33	2844	3022	3200	3377	3555	3733	3911	4088	4444	1117	1117	1,2925
1020	34	2880	3060	3240	3420	3600	3780	3960	4140	4500	1151	1151	1,2963
1050	35	2913	3095	3277	3459	3641	3823	4005	4187	4551	1185	1185	1,3001
1080	36	2942	3126	3310	3494	3678	3862	4046	4229	4597	1219	1219	1,3039
1110	37	2969	3154	3340	3525	3711	3896	4082	4267	4639	1253	1253	1,3077
1140	38	2992	3179	3366	3553	3740	3927	4114	4301	4675	1287	1287	1,3115
1170	39	3012	3201	3389	3577	3766	3954	4142	4330	4707	1321	1321	1,3153
1200	40	3030	3219	3409	3598	3788	3977	4166	4356	4735	1355	1355	1,3191
1230	41	3045	3235	3426	3616	3806	3997	4187	4377	4758	1389	1389	1,3229
1260	42	3057	3249	3440	3631	3822	4013	4204	4395	4777	1423	1423	1,3267



# ALICE 25 VERTICAL



page 176



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  30 mm.
- Vertical heating elements in painted mild steel  $\phi$  25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

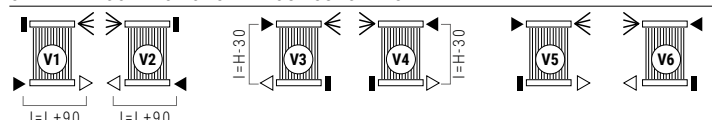
For the complete list, please refer to the accessories chapter.

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	23	27,7	32,2	36,7	41,2	49,9	58,8	67,1	71,4
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	12,2	14,7	17,1	19,5	21,8	26,4	31	35,5	37,7
Dry Weight per section [kg]	0,315	0,374	0,434	0,493	0,552	0,670	0,789	0,907	0,967
Element water content [lt]	0,209	0,250	0,292	0,333	0,375	0,458	0,541	0,624	0,666
Element surface [m <sup>2</sup> ]	0,038	0,046	0,054	0,062	0,070	0,086	0,101	0,117	0,125
Exp. n	1,2335	1,2352	1,2369	1,2386	1,2403	1,2437	1,2460	1,2484	1,2496
Pipe centres l [mm] (V3-V4 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^\alpha$

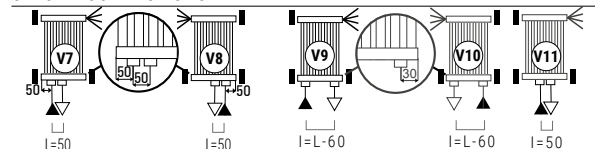
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	75,7	80	84,4	88,7	93	97,4	101,8	106,1	115
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	40	42,2	44,4	46,6	48,9	51,1	53,3	55,6	60,2
Dry Weight per section [kg]	1,026	1,085	1,144	1,204	1,263	1,322	1,381	1,441	1,559
Element water content [lt]	0,707	0,749	0,790	0,832	0,873	0,915	0,956	0,998	1,081
Element surface [m <sup>2</sup> ]	0,133	0,140	0,148	0,156	0,164	0,172	0,180	0,188	0,203
Exp. n	1,2507	1,2532	1,2556	1,2580	1,2604	1,2629	1,2653	1,2677	1,2702
Pipe centres l [mm] (V3-V4 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ► Out    ◄ airvent    H Height    l pipe centres    L width

## SPECIAL CONNECTIONS



□ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 25 VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	AL25	24	080	V01	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AL25** ALICE 25 VERTICAL

**24** 24 elements (see the table shown on the side)

**080** Height 800 mm (see the table shown on the side)

**V01** connection V1

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**AL25 24 080 V01 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

# ALICE 25 VERTICAL

Height H [mm]		400	500	600	700	800	1000	1200	1400	1500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
176	5	115	139	161	184	206	250	294	336	357
213	6	138	166	193	220	247	299	353	403	428
250	7	161	194	225	257	288	349	412	470	500
287	8	184	222	258	294	330	399	470	537	571
324	9	207	249	290	330	371	449	529	604	643
361	10	230	277	322	367	412	499	588	671	714
398	11	253	305	354	404	453	549	647	738	785
435	12	276	332	386	440	494	599	706	805	857
472	13	299	360	419	477	536	649	764	872	928
509	14	322	388	451	514	577	699	823	939	1000
546	15	345	416	483	551	618	749	882	1007	1071
583	16	368	443	515	587	659	798	941	1074	1142
620	17	391	471	547	624	700	848	1000	1141	1214
657	18	414	499	580	661	742	898	1058	1208	1285
694	19	437	526	612	697	783	948	1117	1275	1357
731	20	460	554	644	734	824	998	1176	1342	1428
768	21	483	582	676	771	865	1048	1235	1409	1499
805	22	506	609	708	807	906	1098	1294	1476	1571
842	23	529	637	741	844	948	1148	1352	1543	1642
879	24	552	665	773	881	989	1198	1411	1610	1714
916	25	575	693	805	918	1030	1248	1470	1678	1785
953	26	598	720	837	954	1071	1297	1529	1745	1856
990	27	621	748	869	991	1112	1347	1588	1812	1928
1027	28	644	776	902	1028	1154	1397	1646	1879	1999
1064	29	667	803	934	1064	1195	1447	1705	1946	2071
1101	30	690	831	966	1101	1236	1497	1764	2013	2142
1138	31	713	859	998	1138	1277	1547	1823	2080	2213
1175	32	736	886	1030	1174	1318	1597	1882	2147	2285
1212	33	759	914	1063	1211	1360	1647	1940	2214	2356
1249	34	782	942	1095	1248	1401	1697	1999	2281	2428
1286	35	805	970	1127	1285	1442	1747	2058	2349	2499
1323	36	828	997	1159	1321	1483	1796	2117	2416	2570
1360	37	851	1025	1191	1358	1524	1846	2176	2483	2642
1397	38	874	1053	1224	1395	1566	1896	2234	2550	2713
1434	39	897	1080	1256	1431	1607	1946	2293	2617	2785
1471	40	920	1108	1288	1468	1648	1996	2352	2684	2856
1508	41	943	1136	1320	1505	1689	2046	2411	2751	2927
1545	42	966	1163	1352	1541	1730	2096	2470	2818	2999

All intermediate sizes are available for widths from 5 to 42 elements and heights from 400 to 2500 mm

Height H [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
176	5	379	400	422	444	465	487	509	531	575
213	6	454	480	506	532	558	584	611	637	690
250	7	530	560	591	621	651	682	713	743	805
287	8	606	640	675	710	744	779	814	849	920
324	9	681	720	760	798	837	877	916	955	1035
361	10	757	800	844	887	930	974	1018	1061	1150
398	11	833	880	928	976	1023	1071	1120	1167	1265
435	12	908	960	1013	1064	1116	1169	1222	1273	1380
472	13	984	1040	1097	1153	1209	1266	1323	1379	1495
509	14	1060	1120	1182	1242	1302	1364	1425	1485	1610
546	15	1136	1200	1266	1331	1395	1461	1527	1592	1725
583	16	1211	1280	1350	1419	1488	1558	1629	1698	1840
620	17	1287	1360	1435	1508	1581	1656	1731	1804	1955
657	18	1363	1440	1519	1597	1674	1753	1832	1910	2070
694	19	1438	1520	1604	1685	1767	1851	1934	2016	2185
731	20	1514	1600	1688	1774	1860	1948	2036	2122	2300
768	21	1590	1680	1772	1863	1953	2045	2138	2228	2415
805	22	1665	1760	1857	1951	2046	2143	2240	2334	2530
842	23	1741	1840	1941	2040	2139	2240	2341	2440	2645
879	24	1817	1920	2026	2129	2232	2338	2443	2546	2760
916	25	1893	2000	2110	2218	2325	2435	2545	2653	2875
953	26	1968	2080	2194	2306	2418	2532	2647	2759	2990
990	27	2044	2160	2279	2395	2511	2630	2749	2865	3105
1027	28	2120	2240	2363	2484	2604	2727	2850	2971	3220
1064	29	2195	2320	2448	2572	2697	2825	2952	3077	3335
1101	30	2271	2400	2532	2661	2790	2922	3054	3183	3450
1138	31	2347	2480	2616	2750	2883	3019	3156	3289	3565
1175	32	2422	2560	2701	2838	2976	3117	3258	3395	3680
1212	33	2498	2640	2785	2927	3069	3214	3359	3501	3795
1249	34	2574	2720	2870	3016	3162	3312	3461	3607	3910
1286	35	2650	2800	2954	3105	3255	3409	3563	3714	4025
1323	36	2725	2880	3038	3193	3348	3506	3665	3820	4140
1360	37	2801	2960	3123	3282	3441	3604	3767	3926	4255
1397	38	2877	3040	3207	3371	3534	3701	3868	4032	4370
1434	39	2952	3120	3292	3459	3627	3799	3970	4138	4485
1471	40	3028	3200	3376	3548	3720	3896	4072	4244	4600
1508	41	3104	3280	3460	3637	3813	3993	4174	4350	4715
1545	42	3179	3360	3545	3725	3906	4091	4276	4456	4830

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ACCESSORIES AND  
TECHNICAL SUPPORT



# ALICE 25 HORIZONTAL



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**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice. The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,315	0,374	0,434	0,493	0,552	0,670	0,789	0,907	0,967
Element water content [lt]	0,209	0,250	0,292	0,333	0,375	0,458	0,541	0,624	0,666
Element surface [m²]	0,038	0,046	0,054	0,062	0,070	0,086	0,101	0,117	0,125
Pipe centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

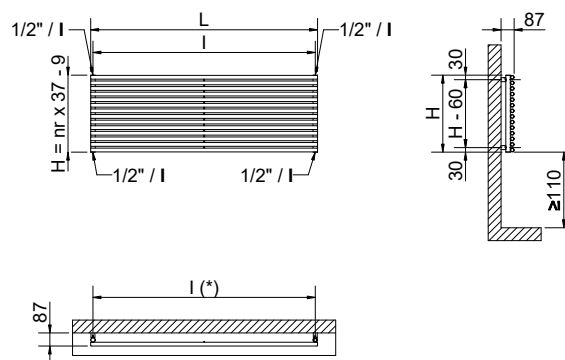
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,026	1,085	1,144	1,204	1,263	1,322	1,381	1,441	1,559
Element water content [lt]	0,707	0,749	0,790	0,832	0,873	0,915	0,956	0,998	1,081
Element surface [m²]	0,133	0,140	0,148	0,156	0,164	0,172	0,180	0,188	0,203
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

T. Max: 110° C

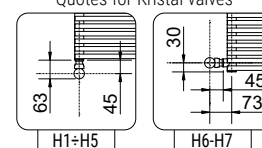
Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

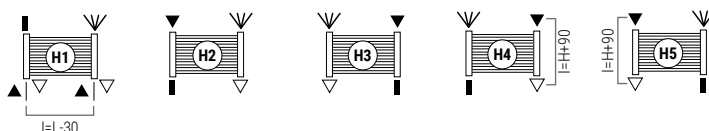


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

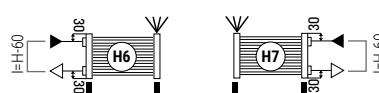


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 25 HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	

EXAMPLE	Radiator model E.g.: Alice 25 horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H1	Code of the colour Example: S16 - Canary	Constant value
AL25	12	120	H01	S16	A	

**EXAMPLE OF ARTICLE CODE CREATION**  
In the case of a radiator:  
**AL25** ALICE 25 HORIZONTAL  
**12** 12 elements (see the table shown on the side)  
**120** width 1200 mm (see the table shown on the side)  
**H01** connection H1  
**S16** colour S16 - Canary (see page 486)  
**A** (Constant value)  
The article code will be:  
**AL25 12 120 H01 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve corner right with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311176</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311175</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces) Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453



# ALICE 25 HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER		Exp. n
Height L [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=30°C	Watt Δt=50°C	
176	5	107	133	160	187	213	267	320	373	400	145		1,1968
213	6	128	160	192	224	256	320	384	448	480	173		1,1993
250	7	149	186	224	261	298	373	447	522	559	202		1,2018
287	8	170	212	255	297	340	425	510	595	637	230		1,2043
324	9	190	238	286	333	381	476	571	667	714	257		1,2067
361	10	211	264	316	369	422	527	633	738	791	284		1,2092
398	11	231	289	347	404	462	578	693	809	867	311		1,2117
435	12	251	314	377	439	502	628	753	879	942	338		1,2141
472	13	271	339	406	474	542	677	813	948	1016	364		1,2166
509	14	290	363	436	508	581	726	871	1017	1089	390		1,2191
546	15	310	387	465	542	620	775	930	1085	1162	415		1,2216
583	16	329	411	494	576	658	823	987	1152	1234	440		1,2240
620	17	348	435	522	609	696	871	1045	1219	1306	465		1,2265
657	18	367	459	551	643	734	918	1101	1285	1377	490		1,2290
694	19	386	482	579	675	772	965	1158	1351	1447	515		1,2285
731	20	404	506	607	708	809	1011	1213	1416	1517	540		1,2280
768	21	423	529	634	740	846	1057	1269	1480	1586	565		1,2276
805	22	441	551	662	772	882	1103	1323	1544	1654	589		1,2271
842	23	459	574	689	804	918	1148	1378	1607	1722	614		1,2266
879	24	477	596	716	835	954	1193	1431	1670	1789	638		1,2262
916	25	495	619	742	866	990	1237	1485	1732	1856	662		1,2257
953	26	513	641	769	897	1025	1281	1538	1794	1922	685		1,2252
990	27	530	663	795	928	1060	1325	1590	1855	1988	709		1,2247
1027	28	547	684	821	958	1095	1368	1642	1915	2052	732		1,2243
1064	29	564	706	847	988	1129	1411	1693	1976	2117	755		1,2238
1101	30	581	727	872	1018	1163	1454	1744	2035	2181	778		1,2233
1138	31	598	748	898	1047	1197	1496	1795	2094	2244	801		1,2230
1175	32	615	769	923	1076	1230	1538	1845	2153	2307	823		1,2226
1212	33	632	790	948	1105	1263	1579	1895	2211	2369	846		1,2223
1249	34	648	810	972	1134	1296	1620	1944	2268	2430	868		1,2220
1286	35	664	831	997	1163	1329	1661	1993	2325	2492	890		1,2216
1323	36	681	851	1021	1191	1361	1702	2042	2382	2552	912		1,2213
1360	37	697	871	1045	1219	1393	1742	2090	2438	2612	933		1,2209
1397	38	713	891	1069	1247	1425	1781	2138	2494	2672	955		1,2206
1434	39	728	910	1092	1274	1456	1821	2185	2549	2731	976		1,2202
1471	40	744	930	1116	1302	1488	1860	2232	2604	2790	997		1,2199
1508	41	759	949	1139	1329	1519	1898	2278	2658	2848	1018		1,2196
1545	42	775	968	1162	1356	1549	1937	2324	2712	2905	1039		1,2192

All intermediate sizes are available for widths from 5 to 42 elements and heights from 400 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height L [mm]	N° El.	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=50°C	Watt Δt=30°C	Watt Δt=50°C	
176	5	427	453	480	507	533	560	587	613	667	145		1,1968
213	6	512	544	576	608	640	672	704	736	800	173		1,1993
250	7	597	634	671	709	746	783	820	858	932	202		1,2018
287	8	680	722	764	807	849	892	934	977	1062	230		1,2043
324	9	762	810	857	905	952	1000	1048	1095	1191	257		1,2067
361	10	844	896	949	1002	1054	1107	1160	1213	1318	284		1,2092
398	11	924	982	1040	1098	1155	1213	1271	1329	1444	311		1,2117
435	12	1004	1067	1130	1193	1255	1318	1381	1444	1569	338		1,2141
472	13	1084	1151	1219	1287	1354	1422	1490	1558	1693	364		1,2166
509	14	1162	1235	1307	1380	1452	1525	1598	1670	1816	390		1,2191
546	15	1240	1317	1395	1472	1550	1627	1705	1782	1937	415		1,2216
583	16	1317	1399	1481	1564	1646	1728	1810	1893	2057	440		1,2240
620	17	1393	1480	1567	1654	1741	1828	1915	2002	2177	465		1,2265
657	18	1469	1560	1652	1744	1836	1928	2019	2111	2295	490		1,2290
694	19	1544	1640	1736	1833	1929	2026	2122	2219	2412	515		1,2285
731	20	1618	1719	1820	1921	2022	2124	2225	2326	2528	540		1,2280
768	21	1692	1797	1903	2009	2114	2220	2326	2432	2643	565		1,2276
805	22	1764	1875	1985	2095	2206	2316	2426	2536	2757	589		1,2271
842	23	1837	1952	2066	2181	2296	2411	2526	2640	2870	614		1,2266
879	24	1908	2028	2147	2266	2386	2505	2624	2743	2982	638		1,2262
916	25	1980	2103	2227	2351	2474	2598	2722	2846	3093	662		1,2257
953	26	2050	2178	2306	2434	2563	2691	2819	2947	3203	685		1,2252
990	27	2120	2253	2385	2518	2650	2783	2915	3048	3313	709		1,2247
1027	28	2189	2326	2463	2600	2736	2873	3010	3147	3421	732		1,2243
1064	29	2258	2399	2540	2681	2822	2964	3105	3246	3528	755		1,2238
1101	30	2326	2471	2617	2762	2907	3053	3198	3344	3634	778		1,2233
1138	31	2393	2543	2693	2842	2992	3141	3291	3441	3740	801		1,2230
1175	32	2460	2614	2768	2922	3075	3229	3383	3537	3844	823		1,2226
1212	33	2527	2685	2843	3000	3158	3316	3474	3632	3948	846		1,2223
1249	34	2592	2755	2917	3079	3241	3403	3565	3727	4051	868		1,2220
1286	35	2658	2824	2990	3156	3322	3488	3654	3820	4153	890		1,2216
1323	36	2722	2893	3063	3233	3403	3573	3743	3913	4254	912		1,2213
1360	37	2786	2961	3135	3309	3483	3657	3831	4005	4354	933		1,2209
1397	38	2850	3028	3206	3384	3563	3741	3919	4097	4453	955		1,2206
1434	39	2913	3095	3277	3459	3641	3823	4005	4187	4552	976		1,2202
1471	40	2976	3161	3347	3533	3719	3905	4091	4277	4649	997		1,2199
1508	41	3037	3227	3417	3607	3797	3987	4176	4366	4746	1018		1,2196
1545	42	3099	3293	3486	3680	3874	4067	4261	4455	4842	1039		1,2192



# ALICE 25 TANDEM VERTICAL



page 180



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel ø 30 mm.
- Double vertical heating elements in painted mild steel ø 25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	400	500	530	600	630	700	800	830	930	1000	1200
Therm. output per el. $\Delta T = 50^\circ \text{C}$ [Watt]	34,7	42	44,1	49	51,1	55,9	62,7	64,7	71,4	76	89,2
Therm. output per el. $\Delta T = 30^\circ \text{C}$ [Watt]	18,2	21,9	23	25,6	26,7	29,2	32,7	33,7	37,1	39,5	46,2
Dry Weight per section [kg]	0,537	0,656	0,691	0,774	0,810	0,892	1,011	1,047	1,165	1,248	1,485
Element water content [lt]	0,377	0,460	0,485	0,543	0,568	0,626	0,709	0,734	0,817	0,875	1,041
Element surface [m <sup>2</sup> ]	0,070	0,086	0,090	0,101	0,106	0,117	0,133	0,137	0,153	0,164	0,195
Exp. n	1,2668	1,2691	1,2698	1,2714	1,2721	1,2737	1,2760	1,2767	1,2790	1,2807	1,2878
Pipe centres I [mm] (V3-V4 only)	370	470	500	570	600	670	770	800	900	970	1170

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ \text{C}$  x (desired  $\Delta T/50$ )<sup>n</sup>

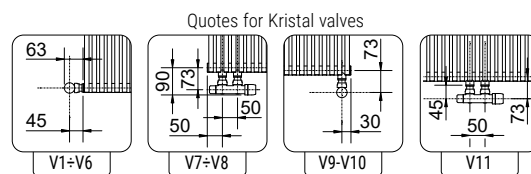
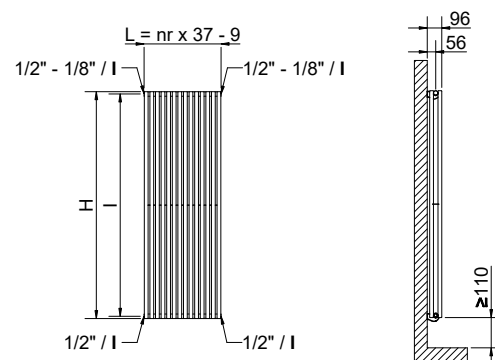
Height H [mm]	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta T = 50^\circ \text{C}$ [Watt]	102,1	108,6	115	121,4	127,8	134,2	140,6	146,9	153,3	159,7	172,5
Therm. output per el. $\Delta T = 30^\circ \text{C}$ [Watt]	52,7	55,9	59,1	62,4	65,6	68,8	72	75,2	78,4	82,5	88,7
Dry Weight per section [kg]	1,722	1,840	1,959	2,077	2,196	2,314	2,433	2,551	2,670	2,788	3,025
Element water content [lt]	1,208	1,291	1,374	1,457	1,540	1,623	1,706	1,789	1,872	1,955	2,122
Element surface [m <sup>2</sup> ]	0,227	0,243	0,258	0,274	0,290	0,305	0,321	0,337	0,353	0,368	0,400
Exp. n	1,2949	1,2984	1,3020	1,3036	1,3052	1,3069	1,3085	1,3102	1,3118	1,3134	1,3151
Pipe centres I [mm] (V3-V4 only)	1370	1470	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. max: 8 bar

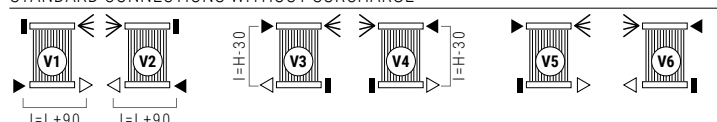
T. max: 110° C

Functioning: hot water

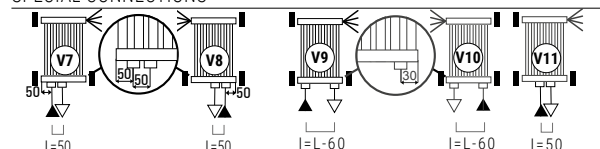
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In ► Out ◄ airvent H Height I pipe centres L width □ connection ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 25 TANDEM VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	<b>Radiator model</b> E.g.: Alice 25 tandem vertical	<b>Nr of Elements</b> E.g.: 24 elements	<b>Height in cm</b> Example: 800 mm	<b>Code of the connection</b> Example: connection V2	<b>Code of the colour</b> Example: S16 - Canary	<b>Constant value</b>
	AT25	24	080	V02	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AT25** ALICE 25 TANDEM VERTICAL

**24** 24 elements (see the table shown on the side)

**080** Height 800 mm (see the table shown on the side)

**V02** connection V2

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**AT25 24 080 V02 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311185</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# ALICE 25 TANDEM VERTICAL

Height H [mm]		400	500	530	600	630	700	800	830	930	1000	1200
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
176	5	174	210	221	245	256	280	314	324	357	380	446
213	6	208	252	265	294	307	335	376	388	428	456	535
250	7	243	294	309	343	358	391	439	453	500	532	624
287	8	278	336	353	392	409	447	502	518	571	608	714
324	9	312	378	397	441	460	503	564	582	643	684	803
361	10	347	420	441	490	511	559	627	647	714	760	892
398	11	382	462	485	539	562	615	690	712	785	836	981
435	12	416	504	529	588	613	671	752	776	857	912	1070
472	13	451	546	573	637	664	727	815	841	928	988	1160
509	14	486	588	617	686	715	783	878	906	1000	1064	1249
546	15	521	630	662	735	767	839	941	971	1071	1140	1338
583	16	555	672	706	784	818	894	1003	1035	1142	1216	1427
620	17	590	714	750	833	869	950	1066	1100	1214	1292	1516
657	18	625	756	794	882	920	1006	1129	1165	1285	1368	1606
694	19	659	798	838	931	971	1062	1191	1229	1357	1444	1695
731	20	694	840	882	980	1022	1118	1254	1294	1428	1520	1784
768	21	729	882	926	1029	1073	1174	1317	1359	1499	1596	1873
805	22	763	924	970	1078	1124	1230	1379	1423	1571	1672	1962
842	23	798	966	1014	1127	1175	1286	1442	1488	1642	1748	2052
879	24	833	1008	1058	1176	1226	1342	1505	1553	1714	1824	2141
916	25	868	1050	1103	1225	1278	1398	1568	1618	1785	1900	2230
953	26	902	1092	1147	1274	1329	1453	1630	1682	1856	1976	2319
990	27	937	1134	1191	1323	1380	1509	1693	1747	1928	2052	2408
1027	28	972	1176	1235	1372	1431	1565	1756	1812	1999	2128	2498
1064	29	1006	1218	1279	1421	1482	1621	1818	1876	2071	2204	2587
1101	30	1041	1260	1323	1470	1533	1677	1881	1941	2142	2280	2676
1138	31	1076	1302	1367	1519	1584	1733	1944	2006	2213	2356	2765
1175	32	1110	1344	1411	1568	1635	1789	2006	2070	2285	2432	2854
1212	33	1145	1386	1455	1617	1686	1845	2069	2135	2356	2508	2944
1249	34	1180	1428	1499	1666	1737	1901	2132	2200	2428	2584	3033
1286	35	1215	1470	1544	1715	1789	1957	2195	2265	2499	2660	3122
1323	36	1249	1512	1588	1764	1840	2012	2257	2329	2570	2736	3211
1360	37	1284	1554	1632	1813	1891	2068	2320	2394	2642	2812	3300
1397	38	1319	1596	1676	1862	1942	2124	2383	2459	2713	2888	3390
1434	39	1353	1638	1720	1911	1993	2180	2445	2523	2785	2964	3479
1471	40	1388	1680	1764	1960	2044	2236	2508	2588	2856	3040	3568
1508	41	1423	1722	1808	2009	2095	2292	2571	2653	2927	3116	3657
1545	42	1457	1764	1852	2058	2146	2348	2633	2717	2999	3192	3746

All intermediate sizes are available for widths from 5 to 42 elements and heights from 400 to 2500 mm



Height H [mm]		1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
176	5	511	543	575	607	639	671	703	735	767	799	863
213	6	613	652	690	728	767	805	844	881	920	958	1035
250	7	715	760	805	850	895	939	984	1028	1073	1118	1208
287	8	817	869	920	971	1022	1074	1125	1175	1226	1278	1380
324	9	919	977	1035	1093	1150	1208	1265	1322	1380	1437	1553
361	10	1021	1086	1150	1214	1278	1342	1406	1469	1533	1597	1725
398	11	1123	1195	1265	1335	1406	1476	1547	1616	1686	1757	1898
435	12	1225	1303	1380	1457	1534	1610	1687	1763	1840	1916	2070
472	13	1327	1412	1495	1578	1661	1745	1828	1910	1993	2076	2243
509	14	1429	1520	1610	1700	1789	1879	1968	2057	2146	2236	2415
546	15	1532	1629	1725	1821	1917	2013	2109	2204	2300	2396	2588
583	16	1634	1738	1840	1942	2045	2147	2250	2350	2453	2555	2760
620	17	1736	1846	1955	2064	2173	2281	2390	2497	2606	2715	2933
657	18	1838	1955	2070	2185	2300	2416	2531	2644	2759	2875	3105
694	19	1940	2063	2185	2307	2428	2550	2671	2791	2913	3034	3278
731	20	2042	2172	2300	2428	2556	2684	2812	2938	3066	3194	3450
768	21	2144	2281	2415	2549	2684	2818	2953	3085	3219	3354	3623
805	22	2246	2389	2530	2671	2812	2952	3093	3232	3373	3513	3795
842	23	2348	2498	2645	2792	2939	3087	3234	3379	3526	3673	3968
879	24	2450	2606	2760	2914	3067	3221	3374	3526	3679	3833	4140
916	25	2553	2715	2875	3035	3195	3355	3515	3673	3833	3993	4313
953	26	2655	2824	2990	3156	3323	3489	3656	3819	3986	4152	4485
990	27	2757	2932	3105	3278	3451	3623	3796	3966	4139	4312	4658
1027	28	2859	3041	3220	3399	3578	3758	3937	4113	4292	4472	4830
1064	29	2961	3149	3335	3521	3706	3892	4077	4260	4446	4631	5003
1101	30	3063	3258	3450	3642	3834	4026	4218	4407	4599	4791	5175
1138	31	3165	3367	3565	3763	3962	4160	4359	4554	4752	4951	5348
1175	32	3267	3475	3680	3885	4090	4294	4499	4701	4906	5110	5520
1212	33	3369	3584	3795	4006	4217	4429	4640	4848	5059	5270	5693
1249	34	3471	3692	3910	4128	4345	4563	4780	4995	5212	5430	5865
1286	35	3574	3801	4025	4249	4473	4697	4921	5142	5366	5590	6038
1323	36	3676	3910	4140	4370	4601	4831	5062	5288	5519	5749	6210
1360	37	3778	4018	4255	4492	4729	4965	5202	5435	5672	5909	6383
1397	38	3880	4127	4370	4613	4856	5100	5343	5582	5825	6069	6555
1434	39	3982	4235	4485	4735	4984	5234	5483	5729	5979	6228	6728
1471	40	4084	4344	4600	4856	5112	5368	5624	5876	6132	6388	6900
1508	41	4186	4453	4715	4977	5240	5502	5765	6023	6285	6548	7073
1545	42	4288	4561	4830	5099	5368	5636	5905	6170	6439	6707	7245



# ALICE 25 TANDEM HORIZONTAL



page 182



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel ø 30 mm.
- Double horizontal heating elements in painted mild steel ø 25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,537	0,656	0,774	0,892	1,011	1,248	1,485	1,722	1,840
Element water content [lt]	0,377	0,460	0,543	0,626	0,709	0,875	1,041	1,208	1,291
Element surface [m²]	0,070	0,086	0,101	0,117	0,133	0,164	0,195	0,227	0,243
Pipe centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

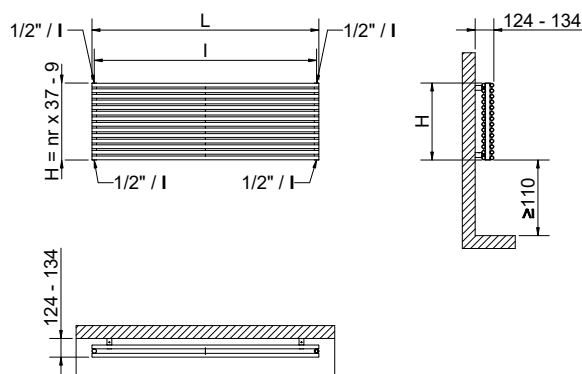
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,959	2,077	2,196	2,314	2,433	2,551	2,670	2,788	3,025
Element water content [lt]	1,374	1,457	1,540	1,623	1,706	1,789	1,872	1,955	2,122
Element surface [m²]	0,258	0,274	0,290	0,305	0,321	0,337	0,353	0,368	0,400
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

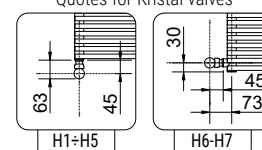
T. Max: 110° C

Functioning: hot water

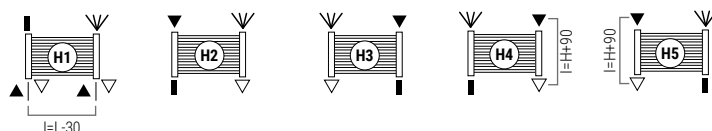
Connections: n° 2 x 1/2" G - 1 x 1/2" G



Quotes for Kristal valves

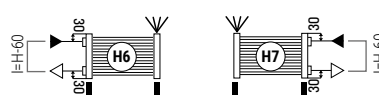


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In   ► Out   ◀ Airvent   H Height   l pipe centres   L width   □ connection   ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.

Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ALICE 25 TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Alice 25 tandem horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H4	Code of the colour Example: S16 - Canary	Constant value
	AT25	12	120	H04	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AT25** ALICE 25 TANDEM HORIZONTAL

**12** 12 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H04** connection H4

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**AT25 12 120 H04 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve corner right with thermostatic option white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311176</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311175</p>	<p><b>Pair of polished tube cover kit</b></p> <p>Art. nr. 5103000000061</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# ALICE 25 TANDEM HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER		Exp. n
Height L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
176	5	176	220	263	307	351	439	527	615	659	238		1,2025
213	6	210	262	315	367	420	525	629	734	787	283		1,2063
250	7	243	304	365	425	486	608	729	851	911	327		1,2101
287	8	275	344	413	482	551	688	826	964	1032	370		1,2138
324	9	307	383	460	537	614	767	920	1074	1150	412		1,2176
361	10	337	422	506	590	675	843	1012	1181	1265	452		1,2214
398	11	367	459	551	642	734	918	1101	1285	1377	491		1,2252
435	12	396	495	594	693	792	990	1188	1386	1485	528		1,2290
472	13	424	530	636	742	848	1060	1272	1484	1590	565		1,2328
509	14	451	564	677	790	903	1129	1354	1580	1693	600		1,2366
546	15	478	597	717	836	956	1195	1434	1673	1792	634		1,2403
583	16	504	630	756	881	1007	1259	1511	1763	1889	667		1,2441
620	17	529	661	793	925	1057	1322	1586	1850	1983	699		1,2479
657	18	553	691	829	968	1106	1382	1659	1935	2074	729		1,2517
694	19	577	721	865	1009	1153	1441	1730	2018	2162	761		1,2514
731	20	599	749	899	1049	1199	1498	1798	2098	2248	791		1,2511
768	21	622	777	932	1088	1243	1554	1865	2175	2331	820		1,2508
805	22	643	804	965	1125	1286	1608	1929	2251	2411	849		1,2504
842	23	664	830	996	1162	1328	1660	1992	2324	2490	876		1,2501
879	24	684	855	1026	1197	1368	1710	2052	2394	2565	903		1,2498
916	25	704	880	1055	1231	1407	1759	2111	2463	2639	929		1,2495
953	26	723	903	1084	1264	1445	1806	2168	2529	2710	954		1,2492
990	27	741	926	1111	1297	1482	1852	2223	2593	2778	979		1,2489
1027	28	759	948	1138	1328	1517	1897	2276	2655	2845	1002		1,2485
1064	29	776	970	1164	1358	1552	1939	2327	2715	2909	1025		1,2482
1101	30	792	990	1188	1387	1585	1981	2377	2773	2971	1047		1,2479
1138	31	808	1010	1212	1415	1617	2021	2425	2829	3031	1069		1,2467
1175	32	824	1030	1236	1442	1648	2060	2471	2883	3089	1090		1,2455
1212	33	839	1048	1258	1468	1678	2097	2516	2936	3145	1111		1,2443
1249	34	853	1066	1280	1493	1706	2133	2559	2986	3199	1130		1,2431
1286	35	867	1084	1301	1518	1734	2168	2601	3035	3252	1149		1,2419
1323	36	880	1101	1321	1541	1761	2201	2641	3082	3302	1168		1,2407
1360	37	893	1117	1340	1563	1787	2233	2680	3127	3350	1186		1,2395
1397	38	906	1132	1359	1585	1812	2264	2717	3170	3397	1203		1,2383
1434	39	918	1147	1377	1606	1835	2294	2753	3212	3441	1220		1,2371
1471	40	929	1162	1394	1626	1858	2323	2788	3252	3485	1236		1,2359
1508	41	940	1175	1410	1645	1880	2351	2821	3291	3526	1251		1,2347
1545	42	951	1189	1426	1664	1902	2377	2853	3328	3566	1266		1,2335

All intermediate sizes are available for widths from 5 to 42 elements and heights from 400 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
176	5	703	746	790	834	878	922	966	1010	1098	238		1,2025
213	6	839	892	944	997	1049	1101	1154	1206	1311	283		1,2063
250	7	972	1033	1094	1154	1215	1276	1337	1397	1519	327		1,2101
287	8	1101	1170	1239	1308	1377	1445	1514	1583	1721	370		1,2138
324	9	1227	1304	1380	1457	1534	1610	1687	1764	1917	412		1,2176
361	10	1349	1434	1518	1602	1687	1771	1855	1940	2109	452		1,2214
398	11	1468	1560	1652	1744	1835	1927	2019	2111	2294	491		1,2252
435	12	1584	1683	1782	1881	1980	2079	2178	2277	2475	528		1,2290
472	13	1696	1802	1908	2014	2120	2226	2332	2438	2651	565		1,2328
509	14	1806	1918	2031	2144	2257	2370	2483	2596	2821	600		1,2366
546	15	1912	2031	2151	2270	2390	2509	2629	2748	2987	634		1,2403
583	16	2015	2141	2267	2392	2518	2644	2770	2896	3148	667		1,2441
620	17	2115	2247	2379	2511	2643	2776	2908	3040	3304	699		1,2479
657	18	2212	2350	2488	2627	2765	2903	3041	3180	3456	729		1,2517
694	19	2306	2450	2594	2738	2883	3027	3171	3315	3603	761		1,2514
731	20	2397	2547	2697	2847	2997	3147	3296	3446	3746	791		1,2511
768	21	2486	2642	2797	2952	3108	3263	3419	3574	3885	820		1,2508
805	22	2572	2733	2894	3054	3215	3376	3537	3697	4019	849		1,2504
842	23	2656	2821	2987	3153	3319	3485	3651	3817	4149	876		1,2501
879	24	2736	2907	3078	3249	3420	3591	3762	3933	4276	903		1,2498
916	25	2814	2990	3166	3342	3518	3694	3870	4046	4398	929		1,2495
953	26	2890	3071	3252	3432	3613	3793	3974	4155	4516	954		1,2492
990	27	2964	3149	3334	3519	3704	3890	4075	4260	4631	979		1,2489
1027	28	3034	3224	3414	3603	3793	3983	4172	4362	4741	1002		1,2485
1064	29	3103	3297	3491	3685	3879	4073	4267	4461	4849	1025		1,2482
1101	30	3169	3367	3565	3764	3962	4160	4358	4556	4952	1047		1,2479
1138	31	3233	3435	3637	3840	4042	4244	4446	4648	5052	1069		1,2467
1175	32	3295	3501	3707	3913	4119	4325	4531	4737	5149	1090		1,2455
1212	33	3355	3565	3774	3984	4194	4403	4613	4823	5242	1111		1,2443
1249	34	3413	3626	3839	4053	4266	4479	4692	4906	5332	1130		1,2431
1286	35	3469	3685	3902	4119	4336	4553	4769	4986	5420	1149		1,2419
1323	36	3522	3742	3962	4182	4402	4622	4842	5063	5503	1168		1,2407
1360	37	3573	3797	4020	4243	4467	4690	4913	5137	5584	1186		1,2395
1397	38	3623	3849	4076	4302	4529	4755	4982	5208	5661	1203		1,2383
1434	39	3671	3900	4130	4359	4589	4818	5047	5277	5736	1220		1,2371
1471	40	3717	3949	4181	4414	4646	4878	5111	5343	5808	1236		1,2359
1508	41	3761	3996	4231	4466	4701	4936	5171	5406	5877	1251		1,2347
1545	42	3803	4041	4279	4516	4754	4992	5230	5467	5943	1266		1,2335





# ARIANNA TANDEM



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**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\phi$  30 mm.
- Double vertical heating elements in painted mild steel  $\phi$  38 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	330	380	430	474	530	574	630	724	780
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	44,5	50,1	55,5	60,2	66,1	70,7	76,4	86	91,7
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	23,5	26,3	29,2	31,6	34,6	37	40	44,9	47,8
Dry Weight per section [kg]	0,838	0,947	1,056	1,129	1,274	1,347	1,492	1,674	1,819
Element water content [lt]	0,721	0,821	0,92	1,011	1,119	1,21	1,318	1,508	1,617
Element surface [m <sup>2</sup> ]	0,089	1,01	0,113	0,124	0,137	0,148	0,161	0,183	0,197
Exp. n	1,2541	1,2565	1,2589	1,2611	1,2638	1,2660	1,2686	1,2731	1,2758
Pipe centres I [mm] (V3-V4 only)	300	350	400	444	500	544	600	694	750

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C} \times (\text{desired } \Delta T / 50)^{1,4}$

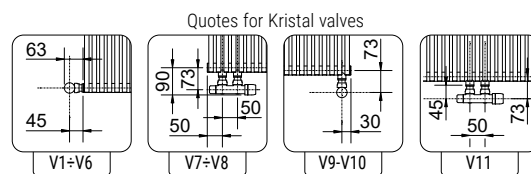
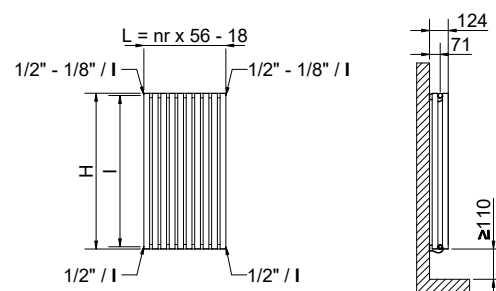
Height H [mm]	830	874	930	1030	1774	1830	1974	2030
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	96,7	101,1	106,7	116,6	190	195,5	209,9	215,5
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	50,3	52,6	55,5	60,7	98,7	101,6	109,1	112,1
Dry Weight per section [kg]	1,928	2,001	2,146	2,364	3,963	4,108	4,399	4,544
Element water content [lt]	1,716	1,807	1,916	2,115	3,599	3,707	3,997	4,105
Element surface [m <sup>2</sup> ]	0,209	0,219	0,233	0,256	0,434	0,447	0,482	0,495
Exp. n	1,2782	1,2785	1,2787	1,2792	1,2828	1,2822	1,2804	1,2797
Pipe centres I [mm] (V3-V4 only)	800	844	900	1000	1744	1800	1944	2000

P. max: 8 bar

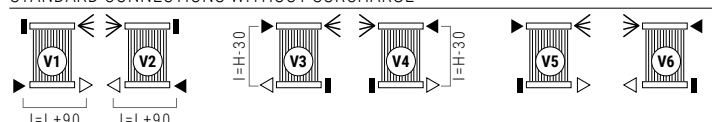
T. max: 110° C

Functioning: hot water

Connections: n° 2 x 1/2" G - n° 1 da 1/8" G

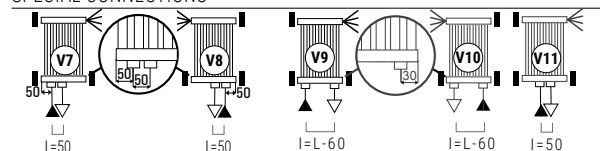


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ► Out    ◄ airvent    H Height    I pipe centres    L width

## SPECIAL CONNECTIONS



□ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR ARIANNA TANDEM

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Arianna Tandem	Nr of Elements E.g.: 16 elements	Height in cm Example: 1830 mm	Code of the connection Example: connection V2	Code of the colour Example: S16 - Canary	Constant value
	AT38	16	183	V02	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AT38** ARIANNA tandem

**16** 16 elements (see the table shown on the side)

**183** Height 1830 mm (see the table shown on the side)

**V02** connection V2

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**AT38 16 183 V02 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\phi</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\phi</math> 16 Art. nr. 5991990311185</p>	<p><b>Towel holder left white R01</b></p> <p>Width 100 mm</p> <p>Art. nr. 5991990310685</p>
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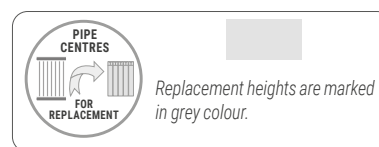
Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# ARIANNA TANDEM

Height H [mm]		330	380	430	474	530	574	630	724	780
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
318	6	267	301	333	361	397	424	458	516	550
374	7	312	351	389	421	463	495	535	602	642
430	8	356	401	444	482	529	566	611	688	734
486	9	401	451	500	542	595	636	688	774	825
542	10	445	501	555	602	661	707	764	860	917
598	11	490	551	611	662	727	778	840	946	1009
654	12	534	601	666	722	793	848	917	1032	1100
710	13	579	651	722	783	859	919	993	1118	1192
766	14	623	701	777	843	925	990	1070	1204	1284
822	15	668	752	833	903	992	1061	1146	1290	1376
878	16	712	802	888	963	1058	1131	1222	1376	1467
934	17	757	852	944	1023	1124	1202	1299	1462	1559
990	18	801	902	999	1084	1190	1273	1375	1548	1651
1046	19	846	952	1055	1144	1256	1343	1452	1634	1742
1102	20	890	1002	1110	1204	1322	1414	1528	1720	1834
1158	21	935	1052	1166	1264	1388	1485	1604	1806	1926
1214	22	979	1102	1221	1324	1454	1555	1681	1892	2017
1270	23	1024	1152	1277	1385	1520	1626	1757	1978	2109
1326	24	1068	1202	1332	1445	1586	1697	1834	2064	2201
1382	25	1113	1253	1388	1505	1653	1768	1910	2150	2293
1438	26	1157	1303	1443	1565	1719	1838	1986	2236	2384
1494	27	1202	1353	1499	1625	1785	1909	2063	2322	2476
1550	28	1246	1403	1554	1686	1851	1980	2139	2408	2568
1606	29	1291	1453	1610	1746	1917	2050	2216	2494	2659
1662	30	1335	1503	1665	1806	1983	2121	2292	2580	2751

All intermediate sizes are available for widths from 6 to 30 elements and heights from 330 to 2030 mm



Height H [mm]		830	874	930	1030	1774	1830	1974	2030
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
318	6	580	607	640	700	1140	1173	1259	1293
374	7	677	708	747	816	1330	1369	1469	1509
430	8	774	809	854	933	1520	1564	1679	1724
486	9	870	910	960	1049	1710	1760	1889	1940
542	10	967	1011	1067	1166	1900	1955	2099	2155
598	11	1064	1112	1174	1283	2090	2151	2309	2371
654	12	1160	1213	1280	1399	2280	2346	2519	2586
710	13	1257	1314	1387	1516	2470	2542	2729	2802
766	14	1354	1415	1494	1632	2660	2737	2939	3017
822	15	1451	1517	1601	1749	2850	2933	3149	3233
878	16	1547	1618	1707	1866				
934	17	1644	1719	1814	1982				
990	18	1741	1820	1921	2099				
1046	19	1837	1921	2027	2215				
1102	20	1934	2022	2134	2332				
1158	21	2031	2123	2241	2449				
1214	22	2127	2224	2347	2565				
1270	23	2224	2325	2454	2682				
1326	24	2321	2426	2561	2798				
1382	25	2418	2528	2668	2915				
1438	26	2514	2629	2774	3032				
1494	27	2611	2730	2881	3148				
1550	28	2708	2831	2988	3265				
1606	29	2804	2932	3094	3381				
1662	30	2901	3033	3201	3498				

## ARYS

accessories for Arianna tandem radiator



Complete list from page 430.


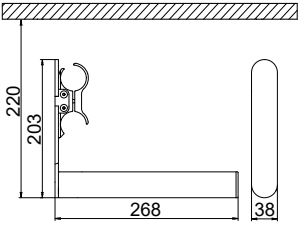


## ARYS

Accessories for ARIANNA TANDEM radiator


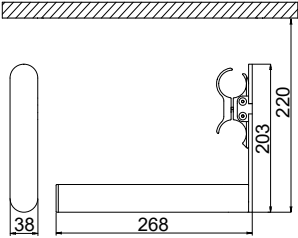
design **Mariano Moroni****TOWEL HOLDER LEFT - L. 268 mm**

Material: painted carbon steel - white R01

		Art. nr.
		5991990310687


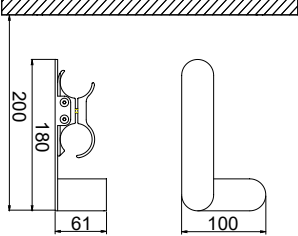
**TOWEL HOLDER RIGHT - L. 268 mm**

Material: painted carbon steel - white R01

		Art. nr.
		5991990310686


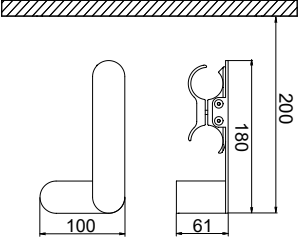
**ROBE HANGER LEFT- L. 61 mm**

Material: painted carbon steel - white R01

		Art. nr.
		5991990310685

**ROBE HANGER RIGHT - L. 61 mm**

Material: painted carbon steel - white R01

		Art. nr.
		5991990310684

Art. nr. are referred to colour WHITE R01. For other colours see page 486.



# ARYS

Accessories for ARIANNA TANDEM radiator



design **Mariano Moroni**

**TOWEL BAR - L. 390 mm** (for Arianna tandem radiator 7 elements)  
Material: painted carbon steel - white R01

		Art. nr.
		5991990310682

**TOWEL BAR - L.502 mm** (for Arianna tandem radiator 9 elements)  
Material: painted carbon steel - white R01

		Art. nr.
		5991990310683

Art. nr. are referred to colour WHITE R01. For other colours see page 486.



# ARYS

Accessories for ARIANNA TANDEM radiator



design **Mariano Moroni**



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**EUROPEAN**  
WARRANTY

## TOWEL HOLDER LEFT - L. 268 mm

Material: Wood

		<b>WOOD FINISHINGS</b>	Painted support	Art. nr.
			<b>RAL 9010 - R01</b> Pure White	5991990500046
			<b>RAL 9016 - R02</b> Traffic White	5991990530010
			<b>T11</b> Matt White	5991990530011
			<b>F20</b> Milky	5991990530012

## TOWEL HOLDER RIGHT - L. 268 mm

Material: Wood

		<b>WOOD FINISHINGS</b>	Painted support	Art. nr.
			<b>RAL 9010 - R01</b> Pure White	5991990500045
			<b>RAL 9016 - R02</b> Traffic White	5991990530007
			<b>T11</b> Matt White	5991990530008
			<b>F20</b> Milky	5991990530009

## ROBE HANGER LEFT - L. 61 mm

Material: Wood

		<b>WOOD FINISHINGS</b>	Painted support	Art. nr.
			<b>RAL 9010 - R01</b> Pure White	5991990500044
			<b>RAL 9016 - R02</b> Traffic White	5991990530016
			<b>T11</b> Matt White	5991990530017
			<b>F20</b> Milky	5991990530018

## ROBE HANGER DX - L. 61 mm

Material: Wood

		<b>WOOD FINISHINGS</b>	Painted support	Art. nr.
			<b>RAL 9010 - R01</b> Pure White	5991990500043
			<b>RAL 9016 - R02</b> Traffic White	5991990530013
			<b>T11</b> Matt White	5991990530014
			<b>F20</b> Milky	5991990530015





# ARYS

Accessories for ARIANNA TANDEM radiator



design **Mariano Moroni**



page **186**

**EUROPEAN**  
WARRANTY

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

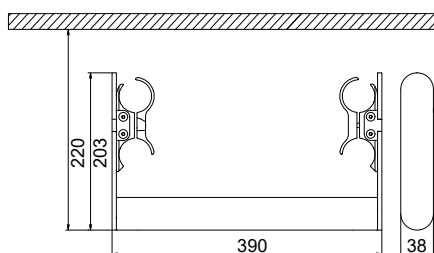
RADIATORS


VENTILATION  
RADIATORS

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## TOWEL BAR - L. 390 mm (for Arianna tandem radiator 7 elements)

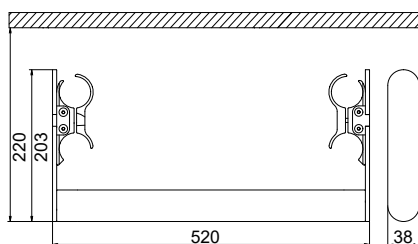
Material: Wood




WOOD FINISHINGS	Painted support	Art. nr.
	RAL 9010 - R01 Pure White	5991990500041
	RAL 9016 - R02 Traffic White	5991990530001
	T11 Matt White	5991990530002
	F20 Milky	5991990530003

## TOWEL BAR - L.502 mm (for Arianna tandem radiator 9 elements)

Material: Wood



WOOD FINISHINGS	Painted support	Art. nr.
	RAL 9010 - R01 Pure White	5991990500042
	RAL 9016 - R02 Traffic White	5991990530004
	T11 Matt White	5991990530005
	F20 Milky	5991990530006

## WOOD FINISHINGS



WHITENED OAK



# DORIANA VERTICAL



page 188



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Horizontal collectors in painted mild steel, semiovali 30x40 mm.
- Vertical heating elements in painted mild steel ø 25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice. The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	500	600	700	800	900	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	23,7	27,9	32,1	36,2	40,3	44,3	52,4	60,4	64,5
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	12,3	14,5	16,7	18,8	20,9	23,0	27,2	31,3	33,4
Dry Weight per section [kg]	0,352	0,411	0,470	0,529	0,588	0,647	0,765	0,883	0,942
Element water content [lt]	0,241	0,282	0,323	0,364	0,405	0,446	0,528	0,610	0,651
Element surface [m <sup>2</sup> ]	0,042	0,050	0,058	0,066	0,074	0,082	0,098	0,114	0,122
Exp. n	1,2791	1,2801	1,2810	1,2820	1,2830	1,2839	1,2859	1,2878	1,2888
Pipe centres l [mm] (V3-V4 only)	450	550	650	750	850	950	1150	1350	1450

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ\text{C}$   $\times$   $(\text{desired } \Delta T / 50)^n$

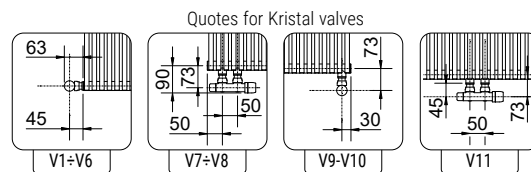
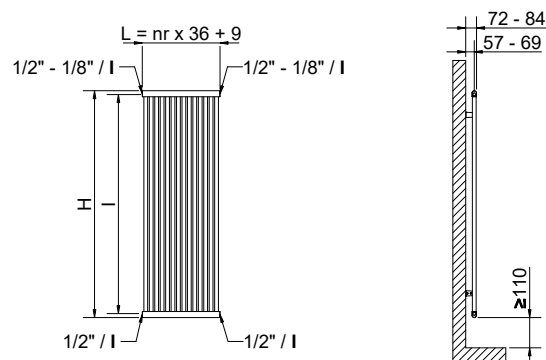
Height H [mm]	1600	1800	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	68,5	76,5	84,5	92,6	96,6	105
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	35,4	39,5	43,6	47,8	49,8	54,1
Dry Weight per section [kg]	1,001	1,119	1,237	1,355	1,414	1,532
Element water content [lt]	0,692	0,774	0,856	0,938	0,979	1,061
Element surface [m <sup>2</sup> ]	0,130	0,146	0,162	0,178	0,186	0,202
Exp. n	1,2897	1,2917	1,2936	1,2955	1,2965	1,2984
Pipe centres l [mm] (V3-V4 only)	1550	1750	1950	2150	2250	2450

P. Max: 8 bar

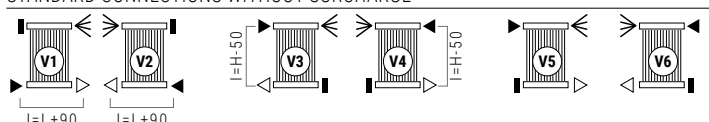
T. Max: 110° C

Functioning: hot water

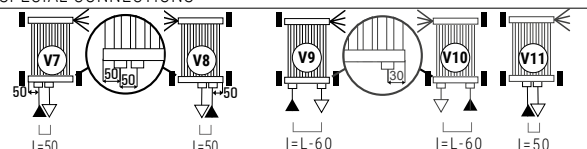
Connections: n° 2 x 1/2" G - 1 x 1/2" G



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In    ► Out    ◄ airvent    H Height    l pipe centres    L width

□ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR DORIANA VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	

EXAMPLE	Radiator model E.g.: Doriana vertical	Nr of Elements E.g.: 15 elements	Height in cm Example: 1800 mm	Code of the connection Example: connection V1	Code of the colour Example: S16 - Canary	Constant value
	D025	15	180	V01	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**D025** DORIANA VERTICAL

**15** 15 elements (see the table shown on the side)

**180** Height 1800 mm (see the table shown on the side)

**V01** connection V1

**S16** colour S16 - Canary (see page 486)

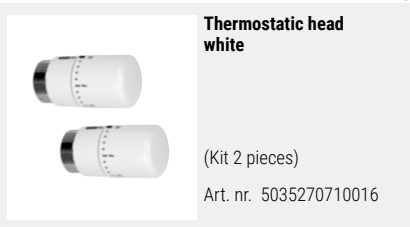
**A** (Constant value)

The article code will be:

**D025 15 180 V01 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only



Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# DORIANA<sup>VERTICAL</sup>

Height H [mm]		500	600	700	800	900	1000	1200	1400	1500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
189	5	119	140	161	181	202	222	262	302	323
225	6	142	167	193	217	242	266	314	362	387
261	7	166	195	225	253	282	310	367	423	452
297	8	190	223	257	290	322	354	419	483	516
333	9	213	251	289	326	363	399	472	544	581
369	10	237	279	321	362	403	443	524	604	645
405	11	261	307	353	398	443	487	576	664	710
441	12	284	335	385	434	484	532	629	725	774
477	13	308	363	417	471	524	576	681	785	839
513	14	332	391	449	507	564	620	734	846	903
549	15	356	419	482	543	605	665	786	906	968
585	16	379	446	514	579	645	709	838	966	1032
621	17	403	474	546	615	685	753	891	1027	1097
657	18	427	502	578	652	725	797	943	1087	1161
693	19	450	530	610	688	766	842	996	1148	1226
729	20	474	558	642	724	806	886	1048	1208	1290
765	21	498	586	674	760	846	930	1100	1268	1355
801	22	521	614	706	796	887	975	1153	1329	1419
837	23	545	642	738	833	927	1019	1205	1389	1484
873	24	569	670	770	869	967	1063	1258	1450	1548
909	25	593	698	803	905	1008	1108	1310	1510	1613
945	26	616	725	835	941	1048	1152	1362	1570	1677
981	27	640	753	867	977	1088	1196	1415	1631	1742
1017	28	664	781	899	1014	1128	1240	1467	1691	1806
1053	29	687	809	931	1050	1169	1285	1520	1752	1871
1089	30	711	837	963	1086	1209	1329	1572	1812	1935
1125	31	735	865	995	1122	1249	1373	1624	1872	2000
1161	32	758	893	1027	1158	1290	1418	1677	1933	2064
1197	33	782	921	1059	1195	1330	1462	1729	1993	2129
1233	34	806	949	1091	1231	1370	1506	1782	2054	2193
1269	35	830	977	1124	1267	1411	1551	1834	2114	2258
1305	36	853	1004	1156	1303	1451	1595	1886	2174	2322
1341	37	877	1032	1188	1339	1491	1639	1939	2235	2387
1377	38	901	1060	1220	1376	1531	1683	1991	2295	2451

All intermediate sizes are available for widths from 5 to 38 elements and heights from 500 to 2500 mm

Height H [mm]		1600	1800	2000	2200	2300	2500
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
189	5	343	383	423	463	483	525
225	6	411	459	507	556	580	630
261	7	480	536	592	648	676	735
297	8	548	612	676	741	773	840
333	9	617	689	761	833	869	945
369	10	685	765	845	926	966	1050
405	11	754	842	930	1019	1063	1155
441	12	822	918	1014	1111	1159	1260
477	13	891	995	1099	1204	1256	1365
513	14	959	1071	1183	1296	1352	1470
549	15	1028	1148	1268	1389	1449	1575
585	16	1096	1224	1352	1482	1546	1680
621	17	1165	1301	1437	1574	1642	1785
657	18	1233	1377	1521	1667	1739	1890
693	19	1302	1454	1606	1759	1835	1995
729	20	1370	1530	1690	1852	1932	2100
765	21	1439	1607	1775	1945	2029	2205
801	22	1507	1683	1859	2037	2125	2310
837	23	1576	1760	1944	2130	2222	2415
873	24	1644	1836	2028	2222	2318	2520
909	25	1713	1913	2113	2315	2415	2625
945	26	1781	1989	2197	2408	2512	2730
981	27	1850	2066	2282	2500	2608	2835
1017	28	1918	2142	2366	2593	2705	2940
1053	29	1987	2219	2451	2685	2801	3045
1089	30	2055	2295	2535	2778	2898	3150
1125	31	2124	2372	2620	2871	2995	3255
1161	32	2192	2448	2704	2963	3091	3360
1197	33	2261	2525	2789	3056	3188	3465
1233	34	2329	2601	2873	3148	3284	3570
1269	35	2398	2678	2958	3241	3381	3675
1305	36	2466	2754	3042	3334	3478	3780
1341	37	2535	2831	3127	3426	3574	3885
1377	38	2603	2907	3211	3519	3671	3990

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# DORIANA HORIZONTAL



page 190



**EUROPEAN  
WARRANTY**

## MATERIAL:

- Vertical collectors in painted mild steel, semiovali 30x40 mm.
- Horizontal heating elements in painted mild steel Ø 25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

The kit is certified from TÜV in compliance with VDI 6036 - class 4.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	500	600	700	800	900	1000	1200	1400	1500
Dry Weight per section [kg]	0,352	0,411	0,470	0,529	0,588	0,647	0,765	0,883	0,942
Element water content [lt]	0,241	0,282	0,323	0,364	0,405	0,446	0,528	0,610	0,651
Element surface [m²]	0,042	0,050	0,058	0,066	0,074	0,082	0,098	0,114	0,122
Pipe centres I [mm] (H1 only)	450	550	650	750	850	950	1150	1350	1450

For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T$  50 x (desired  $\Delta T/50$ )<sup>n</sup>

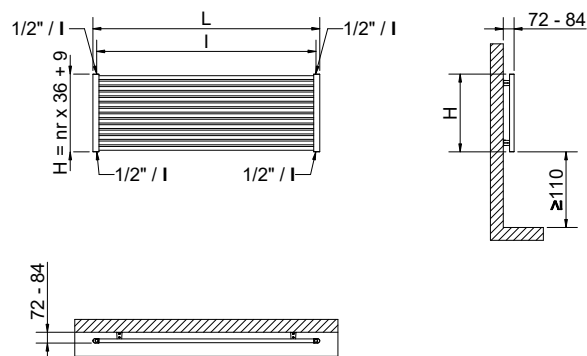
Width L [mm]	1600	1800	2000	2200	2300	2500
Dry Weight per section [kg]	1,001	1,119	1,237	1,355	1,414	1,532
Element water content [lt]	0,692	0,774	0,856	0,938	0,979	1,061
Element surface [m²]	0,130	0,146	0,162	0,178	0,186	0,202
Pipe centres I [mm] (H1 only)	1550	1750	1950	2150	2250	2450

P. Max: 8 bar

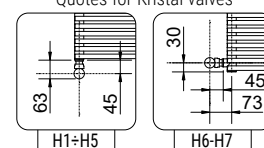
Functioning: hot water

T. Max: 110° C

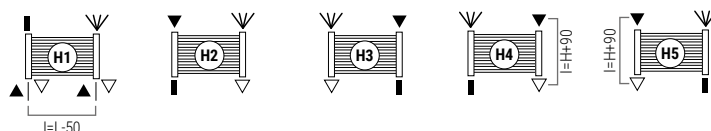
Connections: n° 2 x 1/2" G - 1 x 1/2" G



Quotes for Kristal valves

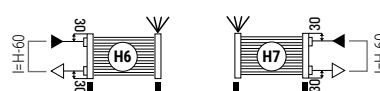


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    I pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR DORIANA HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	

EXAMPLE	Radiator model E.g.: Doriana horizontal	Nr of Elements E.g.: 18 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H4	Code of the colour Example: S16 - Canary	Constant value
D025	18	120	H04	S16	A	

**EXAMPLE OF ARTICLE CODE CREATION**  
In the case of a radiator:  
**D025** DORIANA HORIZONTAL  
**18** 18 elements (see the table shown on the side)  
**120** width 1200 mm (see the table shown on the side)  
**H04** connection H4  
**S16** colour S16 - Canary (see page 486)  
**A** (Constant value)  
 The article code will be:  
**D025 18 120 H04 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve corner right with thermostatic option white R01</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311176</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311175</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# DORIANA HORIZONTAL

Width L [mm]		500	600	700	800	900	1000	1200	1400	1500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
189	5	103	124	144	165	185	206	247	288	309	111	111	1,2082
225	6	124	149	174	198	223	248	298	347	372	134	134	1,2074
261	7	145	173	202	231	260	289	347	405	434	156	156	1,2066
297	8	166	199	232	265	298	331	397	463	497	179	179	1,2058
333	9	186	223	260	298	335	372	446	521	558	201	201	1,2050
369	10	207	248	290	331	373	414	497	580	621	224	224	1,2042
405	11	228	273	319	364	410	455	546	637	683	246	246	1,2034
441	12	248	298	347	397	446	496	595	694	744	268	268	1,2026
477	13	269	322	376	430	483	537	644	752	806	291	291	1,2018
513	14	289	346	404	462	519	577	692	808	866	312	312	1,2010
549	15	309	371	433	494	556	618	742	865	927	335	335	1,2001
585	16	329	395	461	526	592	658	790	921	987	357	357	1,1993
621	17	349	419	489	558	628	698	838	977	1047	378	378	1,1985
657	18	369	443	517	590	664	738	886	1033	1107	400	400	1,1977
693	19	389	467	545	622	700	778	934	1089	1167	422	422	1,1969
729	20	409	491	573	654	736	818	982	1145	1227	444	444	1,1961
765	21	429	514	600	686	771	857	1028	1200	1286	465	465	1,1953
801	22	448	538	627	717	806	896	1075	1254	1344	487	487	1,1945
837	23	468	561	655	748	842	935	1122	1309	1403	508	508	1,1937
873	24	487	584	682	779	877	974	1169	1364	1461	530	530	1,1929
909	25	506	607	708	810	911	1012	1214	1417	1518	550	550	1,1921
945	26	526	631	736	841	946	1051	1261	1471	1577	572	572	1,2074
981	27	545	653	762	871	980	1089	1307	1525	1634	593	593	1,1905
1017	28	564	676	789	902	1014	1127	1352	1578	1691	614	614	1,1897
1053	29	583	699	816	932	1049	1165	1398	1631	1748	635	635	1,1889
1089	30	601	721	841	962	1082	1202	1442	1683	1803	655	655	1,1881
1125	31	620	743	867	991	1115	1239	1487	1735	1859	676	676	1,1873
1161	32	638	766	893	1021	1148	1276	1531	1786	1914	696	696	1,1865
1197	33	657	788	919	1050	1182	1313	1576	1838	1970	717	717	1,1857
1233	34	675	810	945	1080	1215	1350	1620	1890	2025	737	737	1,1849
1269	35	694	832	971	1110	1248	1387	1664	1942	2081	758	758	1,1841
1305	36	712	854	996	1138	1281	1423	1708	1992	2135	777	777	1,1833
1341	37	730	875	1021	1167	1313	1459	1751	2043	2189	797	797	1,1825
1377	38	748	897	1047	1196	1346	1495	1794	2093	2243	817	817	1,1817

All intermediate sizes are available for widths from 5 to 38 elements and heights from 500 to 2500 mm

Width L [mm]		1600	1800	2000	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	
189	5	330	371	412	453	474	515	111	111	1,2082
225	6	397	446	496	546	570	620	134	134	1,2074
261	7	462	520	578	636	665	723	156	156	1,2066
297	8	530	596	662	728	761	828	179	179	1,2058
333	9	595	670	744	818	856	930	201	201	1,2050
369	10	662	745	828	911	952	1035	224	224	1,2042
405	11	728	819	910	1001	1047	1138	246	246	1,2034
441	12	794	893	992	1091	1141	1240	268	268	1,2026
477	13	859	967	1074	1181	1235	1343	291	291	1,2018
513	14	923	1039	1154	1269	1327	1443	312	312	1,2010
549	15	989	1112	1236	1360	1421	1545	335	335	1,2001
585	16	1053	1184	1316	1448	1513	1645	357	357	1,1993
621	17	1117	1256	1396	1536	1605	1745	378	378	1,1985
657	18	1181	1328	1476	1624	1697	1845	400	400	1,1977
693	19	1245	1400	1556	1712	1789	1945	422	422	1,1969
729	20	1309	1472	1636	1800	1881	2045	444	444	1,1961
765	21	1371	1543	1714	1885	1971	2143	465	465	1,1953
801	22	1434	1613	1792	1971	2061	2240	487	487	1,1945
837	23	1496	1683	1870	2057	2151	2338	508	508	1,1937
873	24	1558	1753	1948	2143	2240	2435	530	530	1,1929
909	25	1619	1822	2024	2226	2328	2530	550	550	1,1921
945	26	1682	1892	2102	2312	2417	2628	572	572	1,2074
981	27	1742	1960	2178	2396	2505	2723	593	593	1,1905
1017	28	1803	2029	2254	2479	2592	2818	614	614	1,1897
1053	29	1864	2097	2330	2563	2680	2913	635	635	1,1889
1089	30	1923	2164	2404	2644	2765	3005	655	655	1,1881
1125	31	1982	2230	2478	2726	2850	3098	676	676	1,1873
1161	32	2042	2297	2552	2807	2935	3190	696	696	1,1865
1197	33	2101	2363	2626	2889	3020	3283	717	717	1,1857
1233	34	2160	2430	2700	2970	3105	3375	737	737	1,1849
1269	35	2219	2497	2774	3051	3190	3468	758	758	1,1841
1305	36	2277	2561	2846	3131	3273	3558	777	777	1,1833
1341	37	2334	2626	2918	3210	3356	3648	797	797	1,1825
1377	38	2392	2691	2990	3289	3439	3738	817	817	1,1817

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# TAMARA VERTICAL



page 192



**EUROPEAN  
WARRANTY**

**NEW**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\varnothing$  30 mm.
- Vertical heating elements in painted mild steel elliptical 50x25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Height H [mm]	600	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	45,1	58,4	71,5	84,6	97,7	110,9	124,2	130,9	137,6
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	24,0	30,8	37,4	44,2	51,0	57,9	64,8	68,3	71,7
Dry Weight per section [kg]	0,827	1,049	1,271	1,492	1,714	1,935	2,157	2,270	2,379
Element water content [lt]	0,608	0,805	1,001	1,198	1,394	1,590	1,787	1,885	1,983
Element surface [m <sup>2</sup> ]	0,083	0,107	0,130	0,154	0,177	0,201	0,224	0,236	0,248
Exp. n	1,2372	1,2536	1,2701	1,2711	1,272	1,273	1,2739	1,2734	1,2748
Pipe centres l [mm] (V3-V4 only)	566	766	966	1166	1366	1566	1766	1866	1966

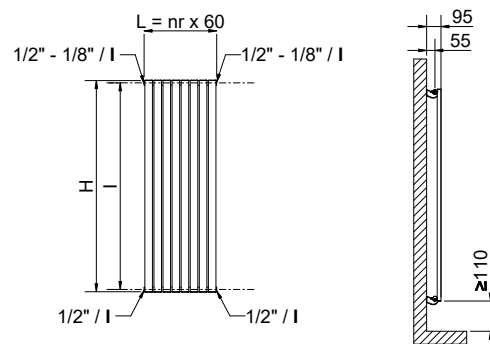
For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50 \times (\text{desired } \Delta t / 50)^n$

P. Max: 5 bar

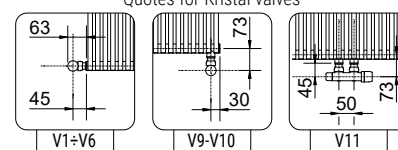
T. Max: 110° C

Functioning: hot water

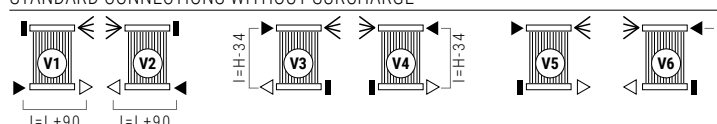
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G



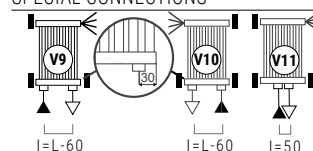
Quotes for Kristal valves



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In ► Out ◄ airvent H Height l pipe centres L width

□ connection ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR TAMARA VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Tamara vertical	Nr of Elements E.g.: 24 elements	Height in cm Example: 1800 mm	Code of the connection Example: connection V2	Code of the colour Example: S16 - Canary	Constant value
	TA50	24	180	V02	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**TA50** TAMARA VERTICAL

**24** 24 elements (see the table shown on the side)

**180** Height 1800 mm (see the table shown on the side)

**V02** connection V2

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**TA50 24 180 V02 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

<p><b>Kristal valve square with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311160</p>	<p><b>Kristal valve square pipe centres 50 mm right white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311185</p>	<p><b>Pair of white tube cover kit</b></p> <p>Art. nr. 5103000000060</p>
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Art. nr. are referred to colour WHITE R01

Accessories and spare parts - see from page 453

# TAMARA VERTICAL

Height H [mm]		600	800	1000	1200	1400	1600	1800	1900	2000
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
300	5	226	292	358	423	489	555	621	655	688
360	6	271	350	429	508	586	665	745	785	826
420	7	316	409	501	592	684	776	869	916	963
480	8	361	467	572	677	782	887	994	1047	1101
540	9	406	526	644	761	879	998	1118	1178	1238
600	10	451	584	715	846	977	1109	1242	1309	1376
660	11	496	642	787	931	1075	1220	1366	1440	1514
720	12	541	701	858	1015	1172	1331	1490	1571	1651
780	13	586	759	930	1100	1270	1442	1615	1702	1789
840	14	631	818	1001	1184	1368	1553	1739	1833	1926
900	15	677	876	1073	1269	1466	1664	1863	1964	2064
960	16	722	934	1144	1354	1563	1774	1987	2094	2202
1020	17	767	993	1216	1438	1661	1885	2111	2225	2339
1080	18	812	1051	1287	1523	1759	1996	2236	2356	2477
1140	19	857	1110	1359	1607	1856	2107	2360	2487	2614
1200	20	902	1168	1430	1692	1954	2218	2484	2618	2752
1260	21	947	1226	1502	1777	2052	2329	2608	2749	2890
1320	22	992	1285	1573	1861	2149	2440	2732	2880	3027
1380	23	1037	1343	1645	1946	2247	2551	2857	3011	3165
1440	24	1082	1402	1716	2030	2345	2662	2981	3142	3302
1500	25	1128	1460	1788	2115	2443	2773	3105	3273	3440
1560	26	1173	1518	1859	2200	2540	2883	3229	3403	3578
1620	27	1218	1577	1931	2284	2638	2994	3353	3534	3715
1680	28	1263	1635	2002	2369	2736	3105	3478	3665	3853
1740	29	1308	1694	2074	2453	2833	3216	3602	3796	3990
1800	30	1353	1752	2145	2538	2931	3327	3726	3927	4128

Art. nr. are referred to colour WHITE R01 and STANDARD connection

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# TAMARA HORIZONTAL



page 194



**EUROPEAN  
WARRANTY**

**NEW**

## MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  30 mm.
- Horizontal heating elements in painted mild steel elliptical 50x25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	600	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	39,6	54	67,3	79,3	90,1	99,4	107,4	110,9	114
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	21,9	29,6	36,8	43,5	49,6	54,9	61,5	63,8	66,0
Dry Weight per section [kg]	0,827	1,049	1,271	1,492	1,714	1,935	2,157	2,270	2,379
Element water content [lt]	0,608	0,805	1,001	1,198	1,394	1,590	1,787	1,885	1,983
Element surface [m <sup>2</sup> ]	0,083	0,107	0,130	0,154	0,177	0,201	0,224	0,236	0,248
Exp. n	1,1637	1,1721	1,1805	1,1749	1,1692	1,1636	1,0913	1,0812	1,0701
Pipe centres l [mm] (H1 only)	566	766	966	1166	1366	1566	1766	1866	1966

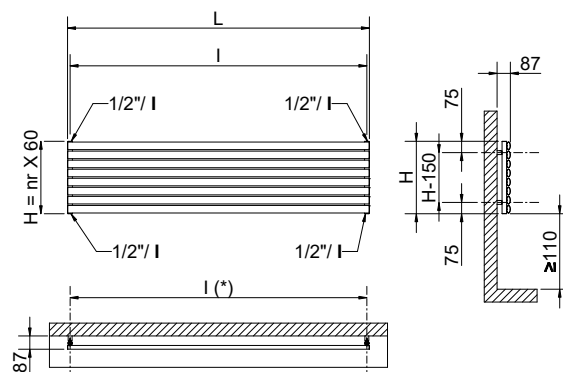
For output at different  $\Delta t$ , please refer to the following formula: desired output = output at  $\Delta t$  50 x (desired  $\Delta t/50$ )<sup>n</sup>

P. Max: 5 bar

T. Max: 110° C

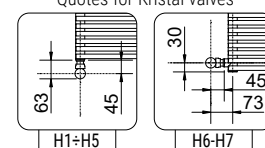
Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

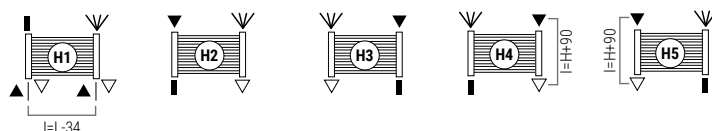


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

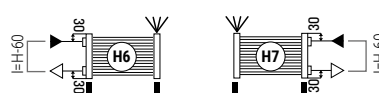


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In    ► Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR TAMARA HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Tamara horizontal	Nr of Elements E.g.: 18 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H2	Code of the colour Example: S16 - Canary	Constant value
	TA50	18	120	H02	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**TA50** TAMARA HORIZONTAL

**18** 18 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H02** connection H2

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**TA50 18 120 H02 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only



Art. nr. are referred to colour WHITE R01

# TAMARA<sub>HORIZONTAL</sub>

Width L [mm]		600	800	1000	1200	1400	1600	1800	1900	2000
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
300	5	198	270	337	397	451	497	537	555	570
360	6	238	324	404	476	541	596	644	665	684
420	7	277	378	471	555	631	696	752	776	798
480	8	317	432	538	634	721	795	859	887	912
540	9	356	486	606	714	811	895	967	998	1026
600	10	396	540	673	793	901	994	1074	1109	1140
660	11	436	594	740	872	991	1093	1181	1220	1254
720	12	475	648	808	952	1081	1193	1289	1331	1368
780	13	515	702	875	1031	1171	1292	1396	1442	1482
840	14	554	756	942	1110	1261	1392	1504	1553	1596
900	15	594	810	1010	1190	1352	1491	1611	1664	1710
960	16	634	864	1077	1269	1442	1590	1718	1774	1824
1020	17	673	918	1144	1348	1532	1690	1826	1885	1938
1080	18	713	972	1211	1427	1622	1789	1933	1996	2052
1140	19	752	1026	1279	1507	1712	1889	2041	2107	2166
1200	20	792	1080	1346	1586	1802	1988	2148	2218	2280
1260	21	832	1134	1413	1665	1892	2087	2255	2329	2394
1320	22	871	1188	1481	1745	1982	2187	2363	2440	2508
1380	23	911	1242	1548	1824	2072	2286	2470	2551	2622
1440	24	950	1296	1615	1903	2162	2386	2578	2662	2736
1500	25	990	1350	1683	1983	2253	2485	2685	2773	2850
1560	26	1030	1404	1750	2062	2343	2584	2792	2883	2964
1620	27	1069	1458	1817	2141	2433	2684	2900	2994	3078
1680	28	1109	1512	1884	2220	2523	2783	3007	3105	3192
1740	29	1148	1566	1952	2300	2613	2883	3115	3216	3306
1800	30	1188	1620	2019	2379	2703	2982	3222	3327	3420

Art. nr. are referred to colour WHITE R01 and STANDARD connection

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# TAMARA TANDEM VERTICAL



page 193



**EUROPEAN  
WARRANTY**

**NEW**

## MATERIAL:

- Horizontal collectors in painted mild steel  $\varnothing$  30 mm.
- Double vertical heating elements in painted mild steel elliptical 50x25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

P. Max: 5 bar

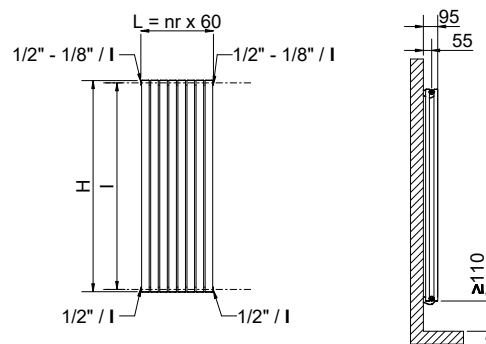
T. Max: 110° C

Functioning: hot water

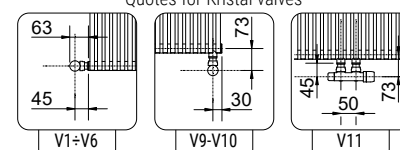
Connections: n° 2 x 1/2" G - n° 1 da 1/8" G

Height H [mm]	600	634	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50^\circ \text{C}$ [Watt]	69,7	73,2	90,1	110,1	129,8	149,3	168,7	188	197,7	207,3
Therm. output per el. $\Delta t = 30^\circ \text{C}$ [Watt]	36,2	37,8	46,7	56,9	66,9	76,7	86,4	96,6	101,6	106,7
Dry Weight per section [kg]	1,528	1,614	1,972	2,415	2,858	3,302	3,745	4,188	4,202	4,419
Element water content [lt]	1,195	1,255	1,587	1,980	2,373	2,765	3,158	3,551	3,747	3,943
Element surface [m²]	0,156	0,158	0,203	0,250	0,297	0,344	0,391	0,438	0,475	0,485
Exp. n	1,2831	1,2843	1,2883	1,2935	1,2987	1,3038	1,3089	1,3042	1,3034	1,2994
Pipe centres l [mm] (V3-V4 only)	566	600	766	966	1166	1366	1566	1766	1866	1966

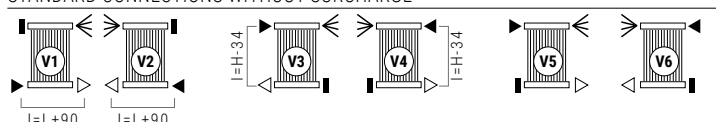
For output at different  $\Delta T$ , please refer to the following formula: desired output = output at  $\Delta T 50^\circ \text{C}$  x (desired  $\Delta t/50$ )<sup>n</sup>



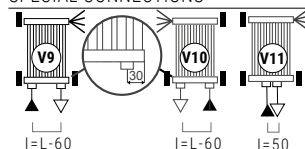
Quotes for Kristal valves



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS



**LEGENDA:** ► In    ▷ Out    ◀ airvent    H Height    l pipe centres    L width    □ connection    ■ welded cap

Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR TAMARA TANDEM VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Height in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	<b>Radiator model</b> E.g.: Tamara tandem vertical	<b>Nr of Elements</b> E.g.: 12 elements	<b>Height in cm</b> Example: 1800 mm	<b>Code of the connection</b> Example: connection V1	<b>Code of the colour</b> Example: S16 - Canary	<b>Constant value</b>
	TT50	12	180	V01	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**TT50** TAMARA TANDEM VERTICAL

**12** 12 elements (see the table shown on the side)

**180** Height 1800 mm (see the table shown on the side)

**V01** connection V1

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**TT50 12 180 V01 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

### Kristal valve square with thermostatic option white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311161  
Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311160

### Kristal valve square pipe centres 50 mm right white R01



Copper conn.  $\varnothing$  12/14/15  
Art. nr. 5991990311186  
Multilayer conn.  $\varnothing$  16  
Art. nr. 5991990311185

### Thermostatic head white



(Kit 2 pieces)  
Art. nr. 5035270710016



# TAMARA TANDEM VERTICAL

Height H [mm]		600	634	800	1000	1200	1400	1600	1800	1900	2000
Width L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
300	5	349	366	451	551	649	747	844	940	989	1037
360	6	418	439	541	661	779	896	1012	1128	1186	1244
420	7	488	512	631	771	909	1045	1181	1316	1384	1451
480	8	558	586	721	881	1038	1194	1350	1504	1582	1658
540	9	627	659	811	991	1168	1344	1518	1692	1779	1866
600	10	697	732	901	1101	1298	1493	1687	1880	1977	2073
660	11	767	805	991	1211	1428	1642	1856	2068	2175	2280
720	12	836	878	1081	1321	1558	1792	2024	2256	2372	2488
780	13	906	952	1171	1431	1687	1941	2193	2444	2570	2695
840	14	976	1025	1261	1541	1817	2090	2362	2632	2768	2902
900	15	1046	1098	1352	1652	1947	2240	2531	2820	2966	3110
960	16	1115	1171	1442	1762	2077	2389	2699	3008	3163	3317
1020	17	1185	1244	1532	1872	2207	2538	2868	3196	3361	3524
1080	18	1255	1318	1622	1982	2336	2687	3037	3384	3559	3731
1140	19	1324	1391	1712	2092	2466	2837	3205	3572		
1200	20	1394	1464	1802	2202	2596	2986	3374			
1260	21	1464	1537	1892	2312	2726	3135	3543			
1320	22	1533	1610	1982	2422	2856	3285	3711			
1380	23	1603	1684	2072	2532	2985	3434				
1440	24	1673	1757	2162	2642	3115	3583				
1500	25	1743	1830	2253	2753	3245	3733				
1560	26	1812	1903	2343	2863	3375					
1620	27	1882	1976	2433	2973	3505					
1680	28	1952	2050	2523	3083	3634					
1740	29	2021	2123	2613	3193	3764					
1800	30	2091	2196	2703	3303						

Art. nr. are referred to colour WHITE R01 and STANDARD connection

ARDESIA®

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RADIATORS

VENTILATION  
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MY WAY®  
ACCESSORIES AND  
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# TAMARA TANDEM HORIZONTAL



page 196



**EUROPEAN  
WARRANTY**

**NEW**

## MATERIAL:

- Vertical collectors in painted mild steel  $\phi$  30 mm.
- Double horizontal heating elements in painted mild steel elliptical 50x25 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice.

## PACKAGING:

Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## ACCESSORIES:

For the complete list, please refer to the accessories chapter.

Width L [mm]	600	634	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	63,1	66,7	84,0	104,8	127,7	146,5	167,5	188,5	199	209,6
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	34,3	36,8	46,1	58,0	69,6	81,3	93,0	104,7	109,8	116,3
Dry Weight per section [kg]	1,528	1,614	1,972	2,415	2,858	3,302	3,745	4,188	4,202	4,419
Element water content [lt]	1,195	1,255	1,587	1,980	2,373	2,765	3,158	3,551	3,747	3,943
Element surface [m <sup>2</sup> ]	0,156	0,158	0,203	0,250	0,297	0,344	0,391	0,438	0,475	0,485
Exp. n	1,1929	1,1729	1,1749	1,1568	1,1550	1,1532	1,1514	1,1516	1,1517	1,1518
Pipe centres l [mm] (H1 only)	566	600	766	966	1166	1366	1566	1766	1866	1966

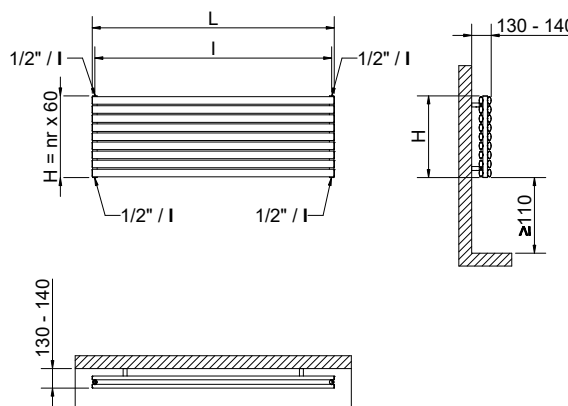
For output at different  $\Delta t$ , please refer to the following formula: desired output = output at  $\Delta t$  50 x (desired  $\Delta t$ /50)<sup>n</sup>

P. Max: 5 bar

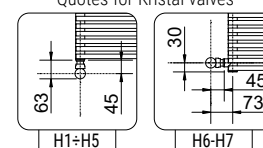
Functioning: hot water

T. Max: 110° C

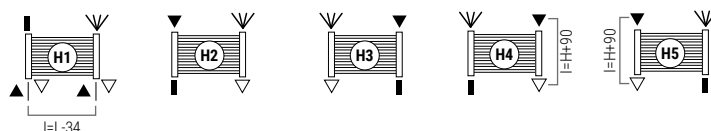
Connections: n° 2 x 1/2" G - n° 1 x 1/2" G



Quotes for Kristal valves

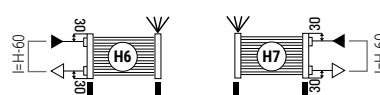


## STANDARD CONNECTIONS WITHOUT SURCHARGE



**LEGENDA:** ► In ◄ Out ◄ airvent H Height l pipe centres L width □ connection ■ welded cap

## SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.  
Bidirectional pipe connection not available

## HOW TO ORDER THE RADIATOR TAMARA TANDEM HORIZONTAL

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
<b>EXAMPLE</b>	Radiator model E.g.: Tamara tandem horizontal	Nr of Elements E.g.: 12 elements	Width in mm Example: 1200 mm	Code of the connection Example: connection H4	Code of the colour Example: S16 - Canary	Constant value
	TT50	12	120	H04	S16	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**TT50** TAMARA TANDEM HORIZONTAL

**12** 12 elements (see the table shown on the side)

**120** width 1200 mm (see the table shown on the side)

**H04** connection H4

**S16** colour S16 - Canary (see page 486)

**A** (Constant value)

The article code will be:

**TT50 12 120 H04 S16 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only

### Kristal valve square with thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311161  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311160

### Kristal valve corner right with thermostatic option white R01



Copper conn.  $\phi$  12/14/15  
Art. nr. 5991990311176  
Multilayer conn.  $\phi$  16  
Art. nr. 5991990311175

### Thermostatic head white



(Kit 2 pieces)  
Art. nr. 5035270710016

# TAMARA TANDEM HORIZONTAL

Width L [mm]		600	634	800	1000	1200	1400	1600	1800	1900	2000
Height H [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
300	5	316	334	420	524	639	733	838	943	995	1048
360	6	379	400	504	629	766	879	1005	1131	1194	1258
420	7	442	467	588	734	894	1026	1173	1320	1393	1467
480	8	505	534	672	838	1022	1172	1340	1508	1592	1677
540	9	568	600	756	943	1149	1319	1508	1697	1791	1886
600	10	631	667	840	1048	1277	1465	1675	1885	1990	2096
660	11	694	734	924	1153	1405	1612	1843	2074	2189	2306
720	12	757	800	1008	1258	1532	1758	2010	2262	2388	2515
780	13	820	867	1092	1362	1660	1905	2178	2451	2587	2725
840	14	883	934	1176	1467	1788	2051	2345	2639	2786	2934
900	15	947	1001	1260	1572	1916	2198	2513	2828	2985	3144
960	16	1010	1067	1344	1677	2043	2344	2680	3016	3184	3354
1020	17	1073	1134	1428	1782	2171	2491	2848	3205	3383	3563
1080	18	1136	1201	1512	1886	2299	2637	3015	3393	3582	3773
1140	19	1199	1267	1596	1991	2426	2784	3183	3582		
1200	20	1262	1334	1680	2096	2554	2930	3350			
1260	21	1325	1401	1764	2201	2682	3077	3518			
1320	22	1388	1467	1848	2306	2809	3223	3685			
1380	23	1451	1534	1932	2410	2937	3370				
1440	24	1514	1601	2016	2515	3065	3516				
1500	25	1578	1668	2100	2620	3193	3663				
1560	26	1641	1734	2184	2725	3320					
1620	27	1704	1801	2268	2830	3448					
1680	28	1767	1868	2352	2934	3576					
1740	29	1830	1934	2436	3039	3703					
1800	30	1893	2001	2520	3144						

Art. nr. are referred to colour WHITE R01 and STANDARD connection

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# SOFI<sup>®</sup> HORIZONTAL HC

THE VENTILATION RADIATOR FOR HEATING/COOLING



page **200**

**EUROPEAN**  
WARRANTY

## DESCRIPTION:

SOFI<sup>®</sup> is the brand new radiator with high power and efficiency, which combines the features and appearance of a traditional radiator with the functions and performance of a fan coil. Ideal for functioning even at low temperatures. SOFI<sup>®</sup> is a system that can be used in both, heating and cooling.

## FIXING KIT:

Wall fixing plate and wall plugs suitable for compact or hollow brick walls.

## PACKAGING:

The radiator is protected by recyclable carton box. User notice included.

## PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

## COLOURS:

See colour chart on page 486.

## CLEANING:

Folding front panel to allow accurate cleaning of the entire radiator. Filters are easily removable, washable or replaceable.

## CLASS PROTECTION:

CLASS 1

Power supply: 230V/50Hz

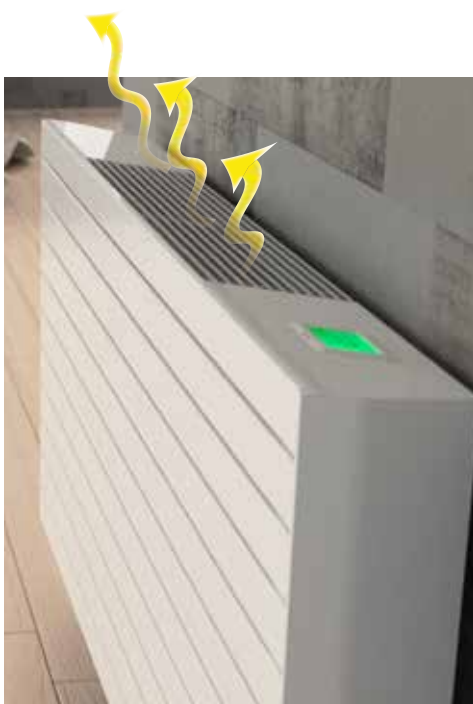
## HYDRAULIC SPECIFICATION:

Connections: n° 2 x 1/2" G

P. Max: 5 bar

T. Max: 110° C

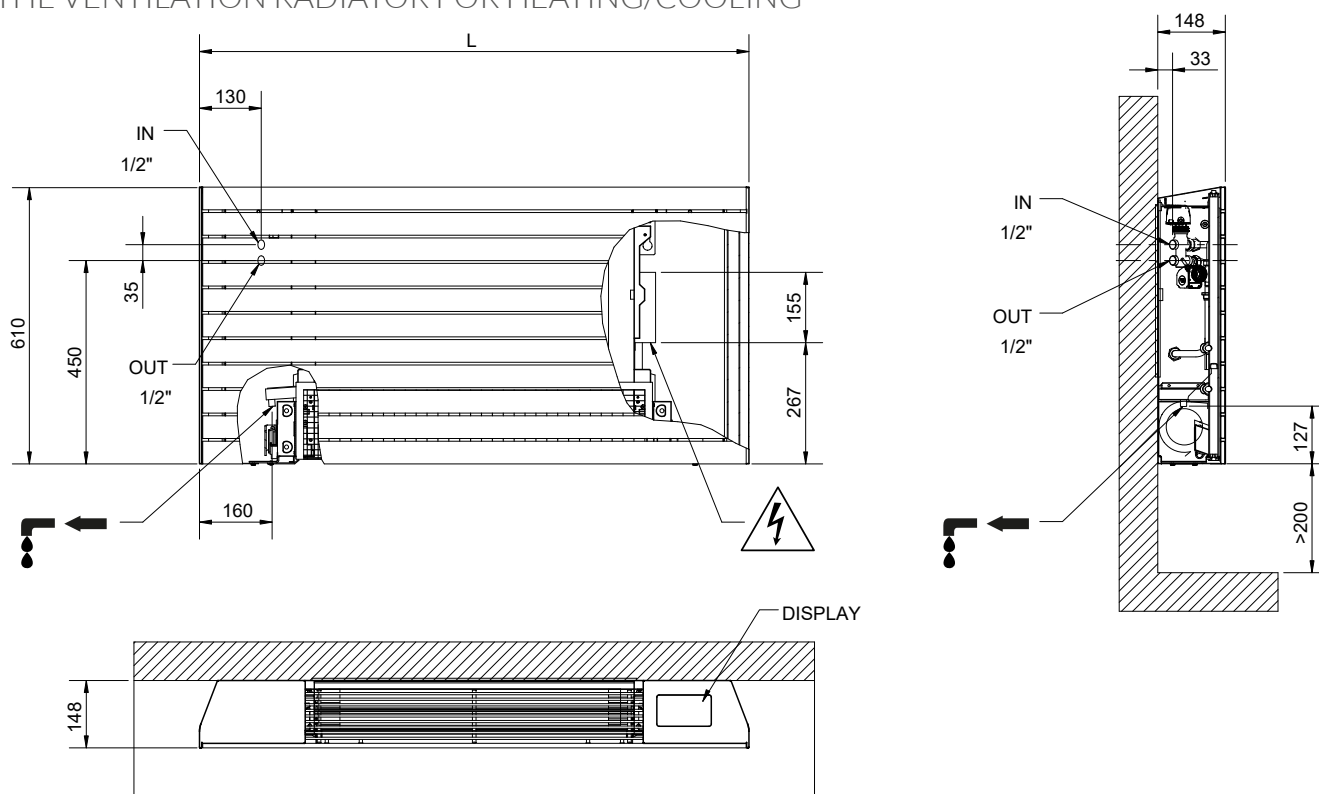
## CERTIFICATES



- HIGH EFFICIENCY RADIATOR
- DC INVERTER BRUSHLESS MOTOR
- 3-WAY BY-PASS VALVE HOT/COLD
- VARIABLE SPEED BLOWER
- DIGITAL CONTROL UNIT AND ECO FUNCTION

# SOFI® HORIZONTAL HC

THE VENTILATION RADIATOR FOR HEATING/COOLING



## SOFI® HORIZONTAL HC

Width L [mm]	Height H [mm]	Art. nr.	Thermal output in heating [Watt]										
			VENTILATION OFF			MEDIUM VENTILATION				MAXIMUM VENTILATION			
			T1 = 70	T1 = 60	T1 = 50	T1 = 70	T1 = 60	T1 = 50	T1 = 45	T1 = 70	T1 = 60	T1 = 50	T1 = 45
<b>800</b>	610	3605776101001	1040	792	585	1952	1532	1175	987	2049	1627	1233	1015
<b>1000</b>	610	3605776101002	1709	1311	991	3533	2791	2170	1839	3726	3021	2286	1895
<b>1200</b>	610	3605776101003	2423	1997	1377	5079	4210	3035	2504	5372	4404	3196	2662
<b>1400</b>	610	3605776101004	3145	2591	1829	7202	5694	4085	3682	7202	6049	4645	3736

Art. nr. are referred to colour WHITE R01

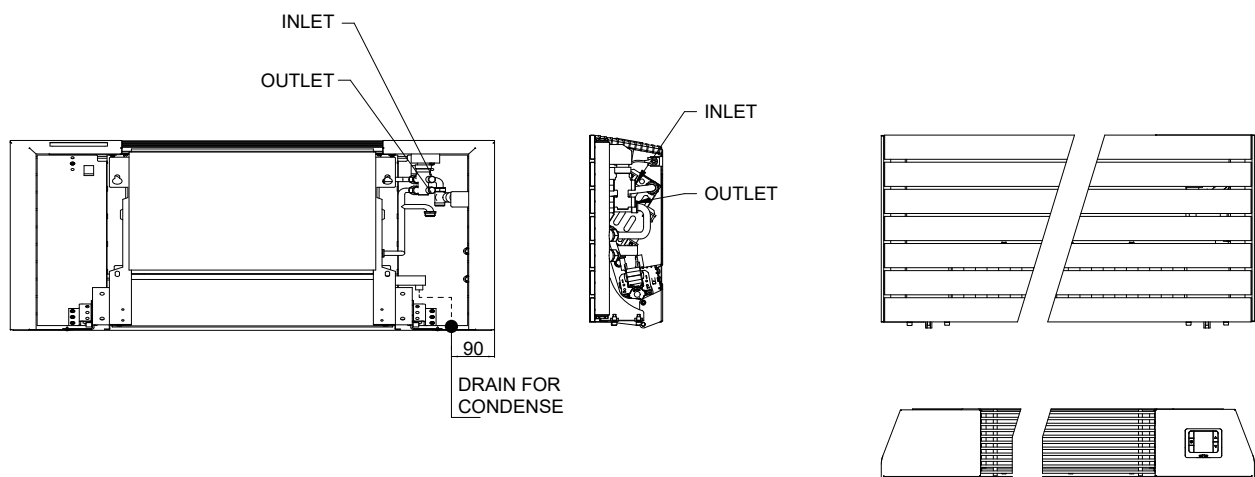
## SOFI® HORIZONTAL HC - technical characteristics

Model L [mm]	<b>800</b>		<b>1000</b>		<b>1200</b>		<b>1400</b>	
Fan speed	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
<b>HEATING T1=70°C</b>								
Output [watt]	1585	2049	2798	3726	4103	5372	5422	7202
Ambient temperature [°C]	20°C							
Flow rate [l/h]	162		343		471		600	
Pressure drop [kPa]	7,0		7,5		19,0		25,0	
<b>HEATING T1=50°C</b>								
Output [watt]	931	1233	1683	2286	2395	3196	3240	4645
Ambient temperature [°C]	20°C							
Flow rate [l/h]	142		302		453		573	
Pressure drop [kPa]	6,5		7,0		18,5		24,5	
<b>COOLING 7°C</b>								
Total Cooling Capacity [watt]	574	748	1148	1496	1834	2154	2536	3120
Sensible Cooling Capacity [watt]	470	610	941	1250	1503	1900	2079	2600
<b>COOLING 12° C</b>								
Output [watt]	376	480	752	960	1058	1412	1590	2066
Ambient temperature [°C]	27 - 19 °C							
Flow rate [l/h]	142		302		453		573	
Pressure drop [kPa]	7		9		22		28	
<b>OTHER DATA</b>								
Air flow heating [m3/h]	0	160	0	320	0	460	0	580
Air flow cooling [m3/h]	50	160	150	320	200	460	300	580
Sound pressure heating [db(A)]	0	44	0	44	0	44	0	44
Sound pressure cooling [db(A)]	28	44	28	44	28	44	28	44
Maximum electrical power absorbed [watt]	14		23		27		33	
Water content [litri]	5,2		5,6		7,4		8,4	
Dry Weight [Kg]	33,5		43,1		52,8		60,4	



# SOFI® HORIZONTAL HC

THE VENTILATION RADIATOR FOR HEATING/COOLING



## MAIN FUNCTIONS

- Heating mode
- Cooling mode
- Auto mode
- Dehumidification mode
- Fan mode
- Electric valve 1 and 2
- Timer
- Electric heater
- Display touchpad block
- Fan mode
- Air inlet temperature and set temperature

## DISPLAY TOUCH



## IDEAL FOR HEAT PUMPS WITH ( $\Delta T$ 30°C)

The radiator SOFI® is suitable for installations working at low temperatures, such as condensing boilers, heat pumps and solar thermal, allowing considerable energy and cost savings.

## HIGH EFFICIENCY ALSO WITH TRADITIONAL INSTALLATIONS

With systems that exploit traditional boilers, SOFI®, thanks to its power and reduced thermal inertia, is the most efficient solution for maximum comfort in the shortest possible time, even with fewer terminals.

## INDICATED FOR RENOVATIONS

SOFI® offers the opportunity to take advantage of new technologies for low temperatures efficiently and economically, without the need to intervene with heavy plant operations, thanks to the flexibility of connections.

## MAXIMUM SILENCE, REDUCED POWER CONSUMPTION

Even in ventilation mode, the SOFI® offers maximum quietness of the devices. In addition, its electricity consumption is remarkably low (9.9 watts) thanks to the DC Inverter Brushless motor.

## CLIMATE COMFORT MAINTENANCE

Climate comfort during nighttime with switched off ventilation, is granted by the plate of the radiator and by the finned coils through radiation and convection.

## MAXIMUM HYGIENE AND EASY TO CLEAN

Sofi® is equipped with filters able to keep dust, dust mites, bacteria and odors to ensure maximum environments hygiene, limiting the allergenic making the air more breathable. The filters are easily removable, cleanable and replaceable. The radiator can be fully inspected for cleaning.

## REDUCED DIMENSIONS, MAXIMUM VERSATILITY

Sofi® satisfies every need, thanks to the reduced dimensions, the elegant design, the 80 available colors and picture version.

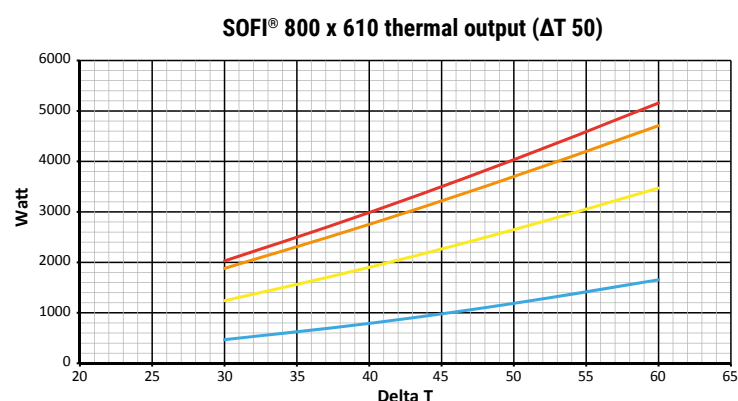
# SOFI® HORIZONTAL HC

## THE VENTILATION RADIATOR FOR HEATING/COOLING

### SPARE PARTS

#### Filters for SOFI®

Width L [mm]	Description	Art. nr. articolo
<b>800</b>	SPARE PARTS - FILTER KIT G3 FOR SOFI HC - L. 800 V18	5801000000001
<b>1000</b>	SPARE PARTS - FILTER KIT G3 FOR SOFI HC - L. 1000 V18	5801000000002
<b>1200</b>	SPARE PARTS - FILTER KIT G3 FOR SOFI HC - L. 1200 V18	5801000000003
<b>1400</b>	SPARE PARTS - FILTER KIT G3 FOR SOFI HC - L. 1400 V18	5801000000004

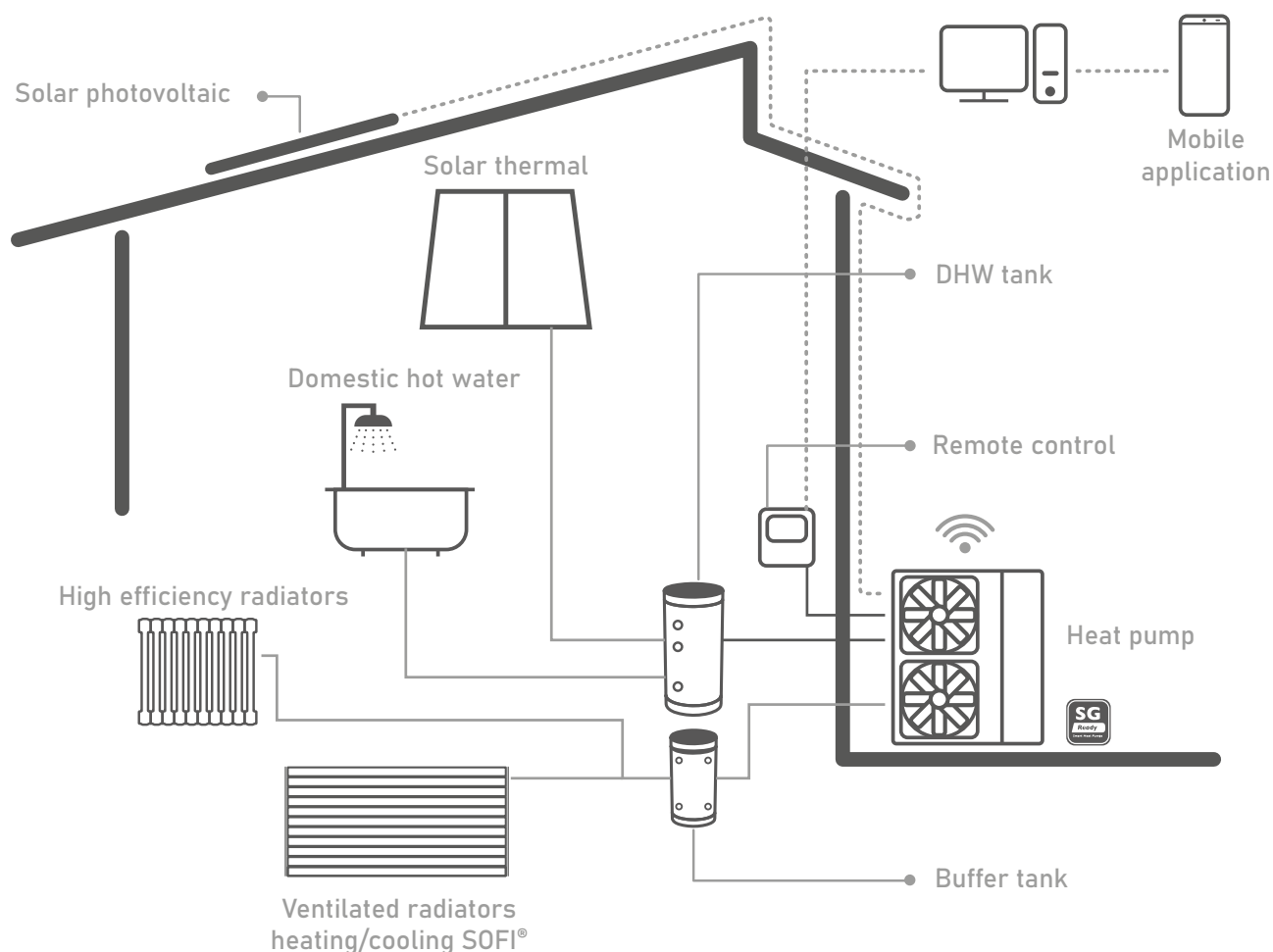


Standard EN 16430 - Fan Assisted Radiators/Convectors

Following the scheme of Case 1



## EXAMPLE OF APPLICATION OF SOFI® VENTILATED RADIATOR IN HEATING AND COOLING MODE, IN A SYSTEM WITH HEAT PUMP



## BEAUTIFUL

100% made in Italy design and technology.

The MY WAY® system combines functionality and design thanks to the interface of the control unit and the APP which are extremely intuitive and easy to use, the result of the Cordivari research and the best Italian technology. The thermostatic head MY HEAD with clean and rigorous design is the most compact on the market with its minimum dimensions and integrates with any furniture style and gives added value to any radiator. The ergonomics of the thermostatic head is designed for an easy and immediate use even without intervening on the control unit or on the APP.



and iOS mobile devices, to manage the entire system is extremely simply and affordable for everyone. Each user can easily administer the system, through the created account, safely and intuitively wherever you are.

## SAFE

The great precision of the algorithm and system sensors of the My Way® guarantees maximum comfort and energy performance of the system which makes the My Way® system a reliable companion in

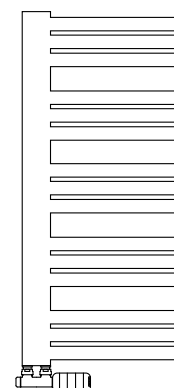
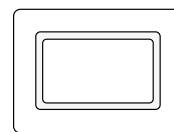
ensuring efficiency, savings and serenity. The operation of the electronic thermostatic heads is designed to preserve the batteries, ensuring large autonomy. The child lock function, which is equipped the My Head with, protects from accidental changes of settings. The systems keep all user settings even after disconnection due to electrical blackout, battery change and lack of WIFI connection with router or software updates. With the ability to work in any position, My Head in combination with the space saving corner valves Cordivari are the best safety solution especially in traditional towel warmers or thinner radiators.

## MANAGE YOUR HOME HEATING SYSTEM EVERYWHERE AND WHENEVER YOU WANT

My Way®, the new Cordivari system for managing domestic comfort. Wherever you are, check and manage all radiators, save up to 30% on energy and improve the efficiency of your heating system. My Way® can be applied to all existing systems without the need of costly interventions, quickly and easily. Through its intuitive interface, thanks to the APP that follows you everywhere and to its ability to know and learn your habits of comfort, My Way® is the best friend of your comfort living.

## IDEAL FOR RENOVATIONS

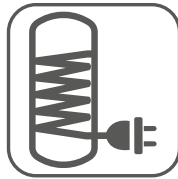
From your smartphone, thanks to the **APP CORDIVARI MY WAY®** or by connecting yourself to our website **www.cordivarihome.com**



# HOME COMFORT SYSTEM

# MY WAY® HOME AUTOMATION SYSTEM

MANAGE THE FUNCTIONING OF  
ELECTRIC WATER HEATERS OR  
OTHER ELECTRIC DEVICES



OPEN WINDOW  
SENSOR



PREDICTIVE SYSTEM WHO  
KNOWS AND ANTICIPATES  
YOUR NEEDS



MANAGEMENT OF ELECTRIC  
TOWEL WARMERS



STATISTICS AND ENERGY  
CONSUMPTION



CUSTOMIZE EVERY ROOM  
ACCORDING TO YOUR NEEDS



CONTROL THE HOME COMFORT  
FROM YOUR SMARTPHONE



## CONTROL UNIT

The control unit My Way®, with its intuitive touch screen interface, allows you to set all functions of the system and to manage the entire system with wireless system. The controller connects to the WIFI router of your home to allow the management of the system by mobile phone thanks to the APP that follows you everywhere.



## ELECTRONIC THERMOSTATIC HEADS

The new **electronic heads HY HEAD** are wireless thermostatic heads **applicable on all Kristal thermostatic valves** very easily. The heads do not require electrical connection and My Head have great autonomy; control precision and advanced electronics guarantees comfort and savings.



**My HEAD®**



ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MY WAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# MY WAY® HOME AUTOMATION SYSTEM

**EUROPEAN  
WARRANTY**

## HOME COMFORT KIT SYSTEM

This kit includes everything you need to implement easily the MY WAY® system on the home installation:

- **My Head** electronic thermostatic heads in white color
- Control unit **My Way**®
- Heat source controller



Description	N° MY HEAD	Art. nr.
<b>MY WAY® COMFORT KIT 4</b>	<b>4</b>	3436316710003
<b>MY WAY® COMFORT KIT 6</b>	<b>6</b>	3436316710004
<b>MY WAY® COMFORT KIT 8</b>	<b>8</b>	3436316710005
<b>MY WAY® COMFORT KIT 10</b>	<b>10</b>	3436316710006

## COMPONENTS



L: 95 mm



Corpo valvola solo a scopo illustrativo.

### MY HEAD® ELECTRONIC THERMOSTATIC HEADS

Wireless electronic thermostatic heads, applicable on all Kristal thermostatic valves. The heads My Head also work in stand-alone mode without internet access. Each package includes adaptors for valves with M28/24/30 thread. Additional adapters are available on request.

Description	Art. nr.	Diameter [mm]	Width [mm]
<b>MY HEAD® - WHITE</b>	5035270710022	48	95
<b>MY HEAD® - BLACK</b>	5035270710023		
<b>MY HEAD® - CHROMED</b>	5035270710024		

**MY HEAD® suitable for all Cordivari thermostatic valves**

### CONTROL UNIT MY WAY®

Control unit with Wi-Fi connection to manage of the entire system and associable devices. The unit can be remotely controlled through the application for smartphones and tablets and the Web APP. The package contains the controller, power supply with wall bracket and the bracket for the table.

Art. nr.	Width [mm]	Height [mm]
5755280000024	150	110

### HEAT SOURCE CONTROLLER



Wireless device for managing the heat generator. Thanks to the heat source controller, the My Way® system manages booting and switching off of the generator, optimizing performance and energy consumption according to the set settings.

Art. nr.  
**5150990000005**

### ELECTRIC CABLE POWER SUPPLY



Full board power supply cable USB type. This accessory is useful if you want to position and keep the control unit powered resting it on a plane surface with the bracket for the table, rather than fixed to the wall with the bracket.

Art. nr.  
**5755280000028**

### RF ANTENNA REPEATER



Useful accessory to repeat and amplify your wireless signal between the control unit and associated devices. The antenna repeater is used only if necessary because of distance of physical obstacles standing in the way which reduces the power of the signal.

Art. nr.  
**5150990000009**

### EXTERNAL TEMPERATURE SENSOR



External temperature sensor. The detected external temperature is transmitted to the My Way® control unit.

Art. nr.  
**5150990000008**

### DIGITAL THERMOSTAT



Wireless device useful for managing multiple present devices or electronic head My Head®. The accessory is useful for grouping and operate synchronously and optimized these environments through a single setting. With digital programmable thermostat, you can group and create rooms and/or areas in the system. The accessory in conjunction with the receiver for electrical devices permits to manage thermoelectric device for on/off mode.

Art. nr.  
**5150990000007**

### RECEIVER FOR ELECTRICAL DEVICE



Wireless device for control (on-off) of an electrical device associated to My Way®.

Art. nr.  
**5150990000006**

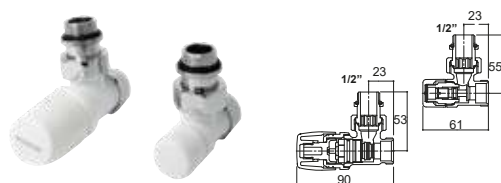


# ACCESSORIES

## VALVES KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14-15) or multilayer (Ø 16) pipes.

The art. nr. of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour sur-charge indicated in colour chart page 486.



KRISTAL VALVE SQUARE WITH THERMOSTATIC OPTION  
WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311161</b>	Art. nr. <b>5991990311160</b>
KRISTAL VALVE SQUARE WITH THERMOSTATIC OPTION SHINY TRANSPARENT	
Art. nr. <b>5991990333418</b>	Art. nr. <b>5991990333422</b>

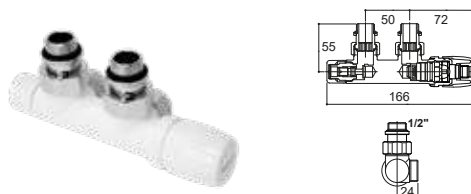


PLEASE NOTE: For valves kit with colour different from standard WHITE R01 the hand grip is polished.



KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION  
WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311159</b>	Art. nr. <b>5991990311158</b>
KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION SHINY TRANSPARENT	
Art. nr. <b>5991990333423</b>	Art. nr. <b>5991990333421</b>



KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311186</b>	Art. nr. <b>5991990311185</b>
KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM WITH THERMOSTATIC OPTION - SHINY TRANSPARENT	
Art. nr. <b>5991990333424</b>	Art. nr. <b>5991990333425</b>



KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311188</b>	Art. nr. <b>5991990311187</b>
KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM WITH THERMOSTATIC OPTION - SHINY TRANSPARENT	
Art. nr. <b>5991990333426</b>	Art. nr. <b>5991990333427</b>



KRISTAL VALVE STRAIGHT RIGHT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311190</b>	Art. nr. <b>5991990311189</b>
KRISTAL VALVE STRAIGHT RIGHT PIPE CENTRES 50 MM WITH THERMOSTATIC OPTION - SHINY TRANSPARENT	
Art. nr. <b>5991990333428</b>	Art. nr. <b>5991990333419</b>



KRISTAL VALVE COMBI  
WITH THERMOSTATIC OPTION - WHITE R01

Copper conn. Ø 12-14-15 e Multilayer conn. Ø 16
Art. nr. <b>5991990310555</b>

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RADIATORS

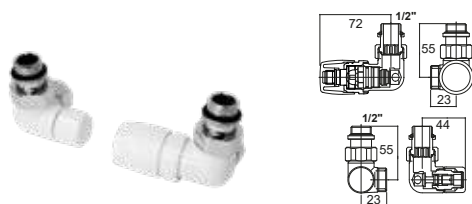
MYWAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT

# ACCESSORIES

## VALVES KIT

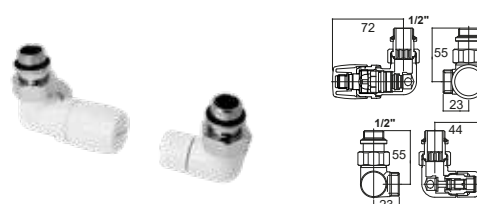
Valve kit includes: valve and holder, fittings for copper (Ø 12-14-15) or multilayer (Ø 16) pipes.

The art. nr. of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 486.



KRISTAL VALVE CORNER RIGHT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311176</b>	Art. nr. <b>5991990311175</b>
KRISTAL VALVE CORNER RIGHT PIPE CENTRES 50 MM WITH THERMOSTATIC OPTION - SHINY TRANSPARENT	
Art. nr. <b>5991990333429</b>	Art. nr. <b>5991990333430</b>



KRISTAL VALVE CORNER LEFT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311178</b>	Art. nr. <b>5991990311177</b>
KRISTAL VALVE CORNER LEFT PIPE CENTRES 50 MM WITH THERMOSTATIC OPTION - SHINY TRANSPARENT	
Art. nr. <b>5991990333431</b>	Art. nr. <b>5991990333432</b>



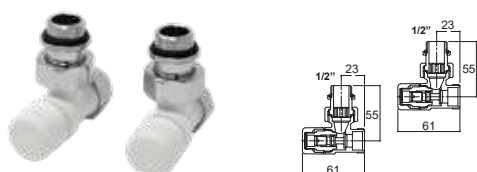
KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM  
WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311192</b>	Art. nr. <b>5991990311191</b>
KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM SHINY TRANSPARENT	
Art. nr. <b>5991990333433</b>	Art. nr. <b>5991990333436</b>



KRISTAL VALVE STRAIGHT RIGHT PIPE CENTRES 50 MM  
WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311194</b>	Art. nr. <b>5991990311193</b>
KRISTAL VALVE STRAIGHT RIGHT PIPE CENTRES 50 MM SHINY TRANSPARENT	
Art. nr. <b>5991990333435</b>	Art. nr. <b>5991990333434</b>



KIT 2 HOLDERS SQUARE  
WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990010226</b>	Art. nr. <b>5991990010225</b>
KIT 2 HOLDERS SQUARE SHINY TRANSPARENT	
Art. nr. <b>5991990030073</b>	Art. nr. <b>5991990030071</b>



KIT 2 HOLDERS STRAIGHT  
WHITE R01

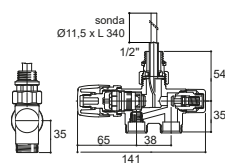
Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990010228</b>	Art. nr. <b>5991990010227</b>
KIT 2 HOLDERS STRAIGHT SHINY TRANSPARENT	
Art. nr. <b>5991990030075</b>	Art. nr. <b>5991990030074</b>

# ACCESSORIES

## VALVES KIT

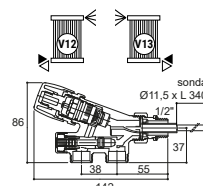
Valve kit includes: valve and holder, fittings for copper (Ø 12-14-15) or multilayer (Ø 16) pipes.

The art. nr. of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour sur-charge indicated in colour chart page 486.



VALVE KRISTAL BIDIRECTIONAL UNDERNEATH INLET AT LEFT SIDE WITH THERMOSTATIC OPTION - WHITE R01

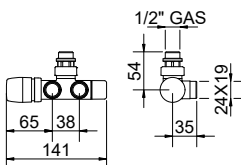
Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311182</b>	Art. nr. <b>5991990311181</b>
VALVE KRISTAL BIDIRECTIONAL UNDERNEATH INLET AT LEFT SIDE WITH THERMOSTATIC OPTION - SHINY TRANSPARENT	
Art. nr. <b>5991990333445</b>	Art. nr. <b>5991990333442</b>



VALVE KRISTAL BIDIRECTIONAL LATERAL INLET WITH THERMOSTATIC OPTION - WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311184</b>	Art. nr. <b>5991990311183</b>
VALVE KRISTAL BIDIRECTIONAL LATERAL INLET WITH THERMOSTATIC OPTION - SHINY TRANSPARENT	
Art. nr. <b>5991990333446</b>	Art. nr. <b>5991990333447</b>

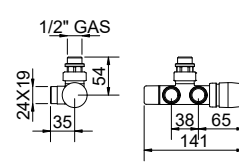
NEW



VALVE KRISTAL BIDIRECTIONAL SQUARE RIGHT WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311206</b>	Art. nr. <b>5991990311205</b>
VALVE KRISTAL BIDIRECTIONAL SQUARE RIGHT SHINY TRANSPARENT	
Art. nr. <b>5991990333983</b>	Art. nr. <b>5991990333989</b>

NEW

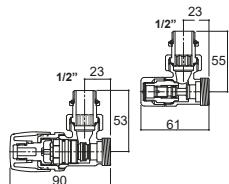


VALVE KRISTAL BIDIRECTIONAL SQUARE LEFT WHITE R01

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311208</b>	Art. nr. <b>5991990311207</b>
VALVE KRISTAL BIDIRECTIONAL SQUARE LEFT SHINY TRANSPARENT	
Art. nr. <b>5991990333988</b>	Art. nr. <b>5991990334021</b>



VALVES KIT ELEGANT AND TINTA (SEE CORDIVARI DESIGN CATALOGUE)



EUROKONUS VALVES SQUARE WITH THERMOSTATIC OPTION WHITE R01 - 3/4" CONNECTION

Art. nr.	<b>5991990332877</b>
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### PIPER ADAPTOR FOR EUROKONUS

Copper connection Ø 12	Multilayer conn. Ø 14
Art. nr. <b>5991990010234</b>	Art. nr. <b>5991990010237</b>
Copper connection Ø 14	Multilayer conn. Ø 16
Art. nr. <b>5991990010235</b>	Art. nr. <b>5991990010238</b>
Copper connection Ø 15	
Art. nr. <b>5991990010236</b>	

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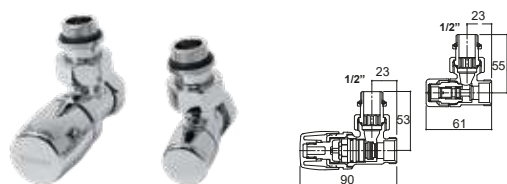
VENTILATION  
RADIATORS

MYWAY®  
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TECHNICAL SUPPORT

# ACCESSORIES

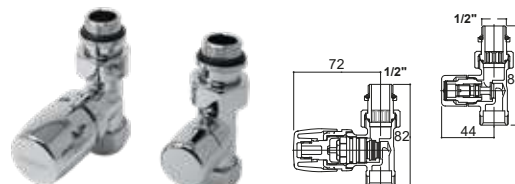
## VALVES KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14-15) OR multilayer (Ø 16) pipes.



KRISTAL VALVE SQUARE WITH THERMOSTATIC OPTION  
CHROMED FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311165</b>	Art. nr. <b>5991990311166</b>



KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION  
CHROMED FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990311163</b>	Art. nr. <b>5991990311164</b>



KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990301150</b>	Art. nr. <b>5991990301149</b>



KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990301152</b>	Art. nr. <b>5991990301151</b>



KRISTAL VALVE STRAIGHT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990301154</b>	Art. nr. <b>5991990301153</b>



KRISTAL VALVE COMBI  
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. Ø 12-14-15 e Multilayer conn. Ø 16
Art. nr. <b>5991990310556</b>



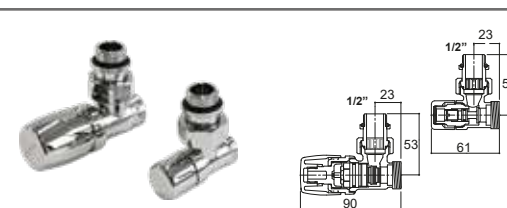
KRISTAL VALVE CORNER RIGHT  
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990301146</b>	Art. nr. <b>5991990301145</b>



KRISTAL VALVE CORNER LEFT  
WITH THERMOSTATIC OPTION - CHROMED FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990301148</b>	Art. nr. <b>5991990301147</b>



EUROKONUS VALVES SQUARE WITH THERMOSTATIC OPTION  
CHROMED FINISHING- 3/4" CONNECTION

Art. nr. <b>5991990332878</b>
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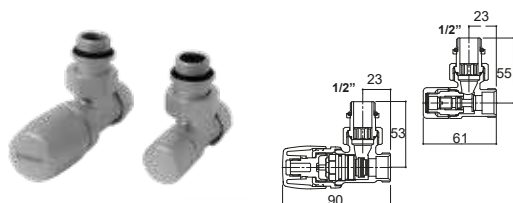
### PIPER ADAPTOR FOR EUROKONUS

Copper connection Ø 12	Multilayer conn. Ø 14
Art. Nr. <b>5991990010234</b>	Art. Nr. <b>5991990010237</b>
Copper connection Ø 14	Multilayer conn. Ø 16
Art. Nr. <b>5991990010235</b>	Art. Nr. <b>5991990010238</b>
Copper connection Ø 15	
Art. Nr. <b>5991990010236</b>	

# ACCESSORIES

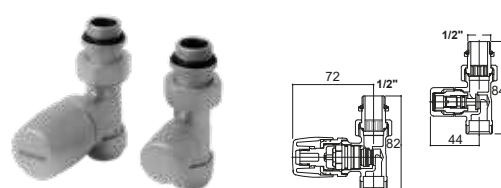
## VALVES KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14-15) OR MULTilayer (Ø 16) pipes.



KRISTAL VALVE SQUARE WITH THERMOSTATIC OPTION  
SATIN FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990321143</b>	Art. nr. <b>5991990321144</b>



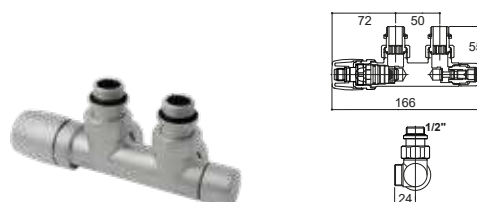
KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION  
SATIN FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990321147</b>	Art. nr. <b>5991990321148</b>



KRISTAL VALVE SQUARE RIGHT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990321138</b>	Art. nr. <b>5991990321137</b>



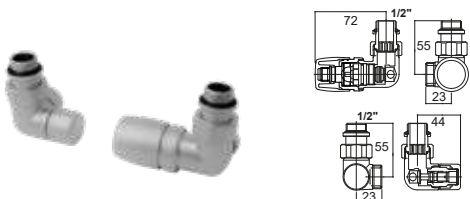
KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990321140</b>	Art. nr. <b>5991990321139</b>



KRISTAL VALVE STRAIGHT PIPE CENTRES 50 MM  
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990321142</b>	Art. nr. <b>5991990321141</b>



KRISTAL VALVE CORNER RIGHT  
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990321134</b>	Art. nr. <b>5991990321133</b>



KRISTAL VALVE CORNER LEFT  
WITH THERMOSTATIC OPTION - SATIN FINISHING

Copper conn. Ø 12-14-15	Multilayer conn. Ø 16
Art. nr. <b>5991990321136</b>	Art. nr. <b>5991990321135</b>

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RADIATORS

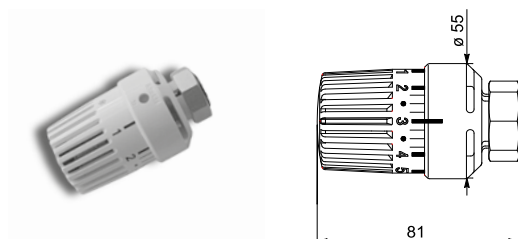
VENTILATION  
RADIATORS

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TECHNICAL SUPPORT



# ACCESSORIES

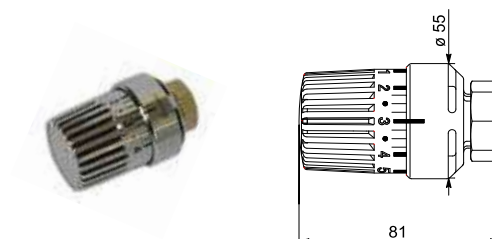
## THERMOSTATIC HEAD



WHITE THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

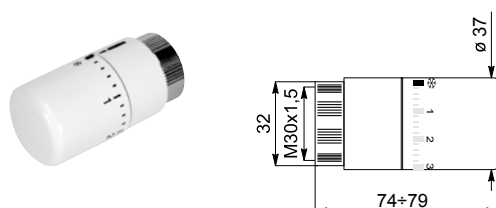
Art. nr. 5035270710001



CHROMED THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710014

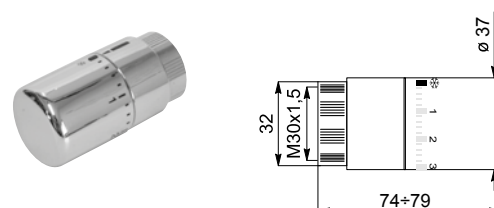


WHITE THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710016

Kit 2 pieces

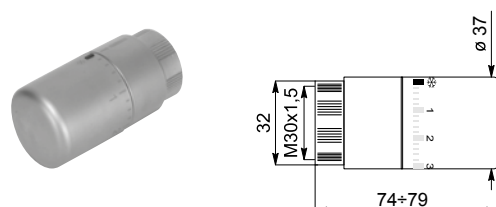


CHROMED THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710015

Kit 2 pieces



SATIN THERMOSTATIC HEAD

Functioning in compliance with UNI EN 215:2007 regulation

Art. nr. 5035270710018

Kit 2 pieces

## FITTINGS



PIPE FITTINGS SET AND WHITE WALL COVERING  
COPPER CONN. Ø 10-16

Ø	Art. nr.
10	5160000000144
16	5160000000145

Kit with 5 pairs



PIPE FITTINGS SET AND WHITE WALL COVERING  
MULTILAYER CONN. Ø 14-18

Ø	Art. nr.
14	5160000000146
18	5160000000147

Kit with 5 pairs



PIPE FITTINGS SET AND CHROMED WALL COVERING  
MULTILAYER CONN. Ø 20

Ø	Art. nr.
20	5006170050017

Kit with 1 COPPIA

# ACCESSORIES

## PIPE COVERING



SET FOR PIPE COVERING  
POLISHED FINISHING

Ø	Art. nr.
10	5103000000069
12	5103000000070
14	5103000000071
15	5103000000072
16	5103000000073
18	5103000000074

KIT WITH 10 PAIRS



SET FOR PIPE COVERING  
SATIN FINISHING

Ø	Art. nr.
10	5103000000158
12	5103000000159
14	5103000000160
15	5103000000161
16	5103000000162
18	5103000000163

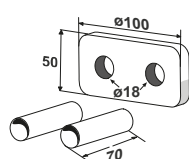
KIT WITH 10 PAIRS



SET FOR PIPE COVERING  
WHITE FINISHING

Ø	Art. nr.
10	5103000000063
12	5103000000064
14	5103000000065
15	5103000000066
16	5103000000067
18	5103000000068

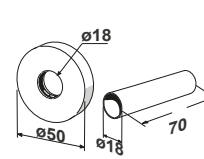
KIT WITH 10 PAIRS



SET FOR PIPE COVERING POLISHED FINISHING - PIPE CENTRES 50

Art. nr. 5103000000154

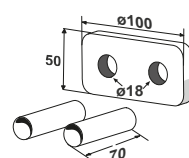
KIT WITH 1 PAIR



SET FOR PIPE COVERING POLISHED FINISHING

Art. nr. 5103000000061

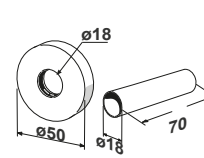
KIT WITH 1 PAIR



SET FOR PIPE COVERING SATIN FINISHING - PIPE CENTRES 50

Art. nr. 5103000000155

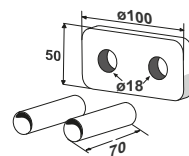
KIT WITH 1 PAIR



SET FOR PIPE COVERING SATIN FINISHING

Art. nr. 5103000000062

KIT WITH 1 PAIR

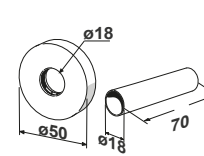


SET FOR PIPE COVERING WHITE FINISHING - PIPE CENTRES 50  
FOR WHITE VALVES

Art. nr. 5103000000152

SET FOR PIPE COVERING - PIPE CENTRES 50  
FOR COLOURED VALVES

KIT WITH 1 PAIR



SET FOR PIPE COVERING WHITE FINISHING  
FOR WHITE VALVES

Art. nr. 5103000000060

SET FOR PIPE COVERING  
FOR COLOURED VALVES

KIT WITH 1 PAIR

## FITTINGS



FITTING FOR KRISTAL VALVES

	Art. nr.
1/2"	5006170030109
3/8"	5006170030108

KIT WITH 5 PAIRS



IRON PIPES FITTING FOR KRISTAL VALVES

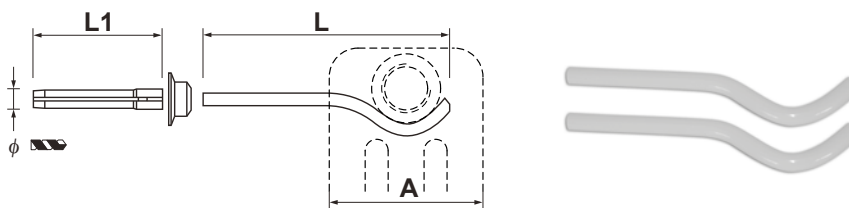
	Art. nr.
1/2"	5150990300001
3/8"	5150990300003

KIT WITH 1 PAIR

## WALL BRACKETS KIT

For the installation it is recommended to use the wall brackets provided by Cordivari, with different sizes depending on model. The kit includes:

- 2 wall brackets
- 2 plastic nogs



### HOW TO CALCULATE THE NUMBER OF WALL BRACKETS REQUIRED.

Always remember to consider both the Dry Weight of the radiator and its water content.

N° Columns	Art. nr.	ø Nogs (mm)	L (mm)	L1 (mm)	max load [kg] kit
2	5991990310378	12	179	100	150
3	5991990310379	12	207	100	100
4	5991990310380	15	223	111	200
5	5991990310381	15	254	111	160
6					80

The code nr of the chart refer to standard colour white R01 RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart at page 486.

#### Eg: an Ardesia radiator consisting of:

n° columns: 4 - Height: 1000 - n° elements: 48

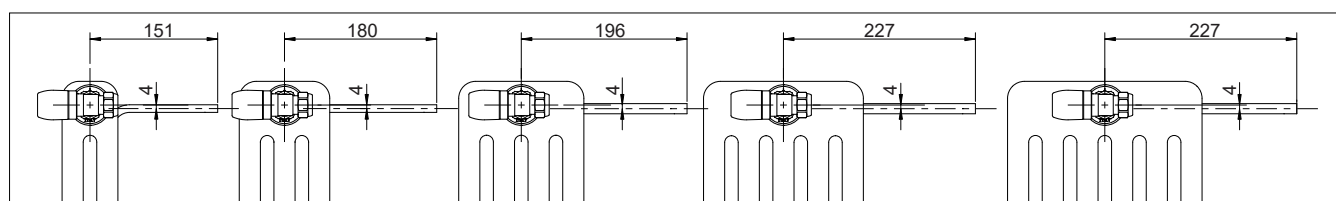
Total Dry Weight of 1 section, water included:  $2.96 * [\text{Dry Weight of empty section}] + 1.84 *$

[Dry Weight of water contained in the section] = total kg. 4.8.

Total Dry Weight of the whole radiator:  $4.8 \text{ kg} \times 48 [\text{sections}] = 230.4 \text{ kg}$

No. of fixing kits to order:  $230.4 \text{ kg} [\text{total Dry Weight of the radiator}] / 200 [\text{max Dry Weight that 1 wall brackets kit can take for Ardesia® 4 columns}] = 1.15$ . The number of kits necessary in this case is 2 - Code Nr. **5991990310380**.

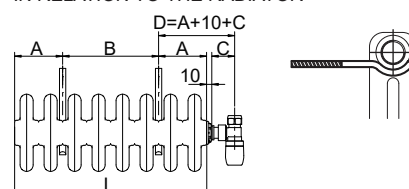
(\*) Above data are taken from the relevant technical table (see page 214).



**Max. number of sections** that can be supported by a pair of brackets available for solid/masonry and perforated brick walls.

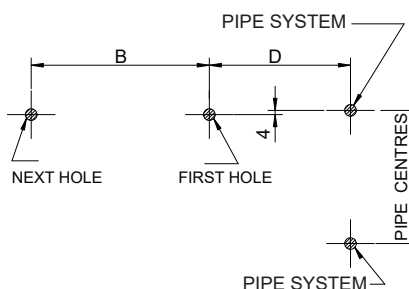
Height	N° COLUMNS				
	2	3	4	5	6
207	40	40	40	40	40
300	40	40	40	40	31
356	40	40	40	40	27
400	40	40	40	40	25
406	40	40	40	40	24
500	40	40	40	40	20
556	40	40	40	40	19
586	40	40	40	40	18
600	40	40	40	40	18
626	40	40	40	40	17
656	40	40	40	39	16
676	40	40	40	38	16
750	40	36	40	35	14
756	40	36	40	34	14
786	40	35	40	33	14
856	40	32	40	31	13
876	40	31	40	30	12
900	40	30	40	29	12
926	40	30	40	29	12
956	40	30	40	29	12
1000	40	28	40	27	11
1056	40	26	39	25	11
1200	40	23	35	23	9
1500	40	19	28	18	8
1656	39	17	26	17	7
1800	36	16	24	15	6
1856	35	15	23	15	6
2000	32	14	22	14	6
2056	32	14	21	13	6
2200	30	13	20	13	5
2500	26	12	17	11	5

#### DETERMINE THE BRACKET POSITION IN RELATION TO THE RADIATOR



#### DETERMINE THE POSITION OF THE RADIATOR IN RELATION TO PIPES

#### REALIZE HOLES ON THE WALL IN RELATION TO THE PIPES POSITION



#### To determine A and B

- for N. of sections < 8:
  - A = 46
  - B = L - 92
- for N. of sections ≥ 8:
  - A = 92
  - B = L - 184 for 2 brackets
  - B =  $[(L - 184) / 2] - 23$  for 4 brackets and even N of sections
  - B =  $(L - 184) / 2$  for 4 brackets and uneven N. of sections

# INSTALLATION AND FIXING





## RAPID FIXING SAFETY KIT VDI 6036 COLOUR WHITE

These new fixing kit comply to **VDI 6036** norm regulating the safe anchoring of wall hung radiators. They guarantee a correct support in relation to the radiator Dry Weight and ensure stability and resistance to traction from every direction. This leads to maximum safety and easy installation.



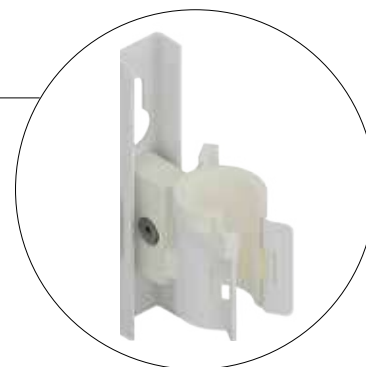
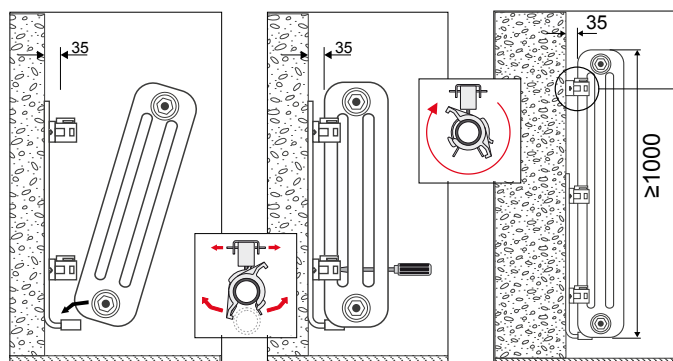
### RAPID FIXING COLOUR WHITE (\*)

Pair of fixing kit	Suitable for the following heights	Art. nr.	Max Load
	300 mm to 350 mm	5102000000440	150
	350 mm to 450 mm	5102000000441	
	500 mm to 700 mm	5102000000442	
	750 mm to 1000 mm	5102000000443	
 +	over 1000 mm (**)	5102000000444	

(\*) The code nr of the chart refers to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 486.

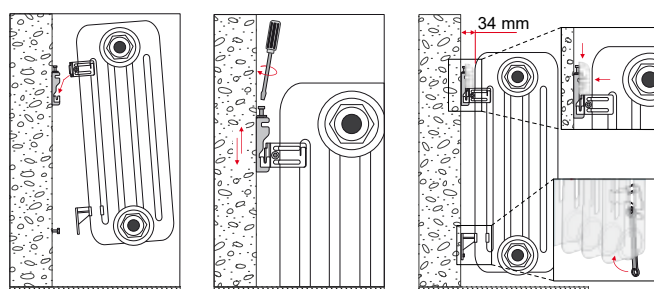
(\*\*) For Heights above 1000 mm the art. code includes an additional pair of fixing kit to be placed on the upper part of the radiator so to ensure complete stability as per below drawing.

### EXAMPLE OF INSTALLATION WITH RAPID SAFETY KIT



### UNIVERSAL RAPID SAFETY KIT

PAIR OF WALL TIES FIXING KIT COLOUR WHITE	Art. nr.	Max Load
	5991990310311	150

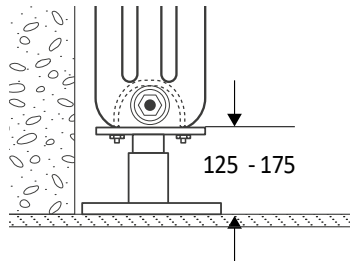


## FLOOR FIXING KIT

### FLOOR FIXING KIT WITH ADJUSTABLE FEET

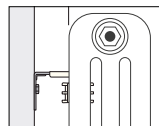


This floor fixing support allows the installation of Ardesia® batteries whenever the radiator dry weight can not be supported from walls only. They ensure stability and easy installation.



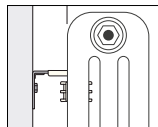
Pair of floor fixing kit with adjustable height. From 125mm up to 175mm. Available for radiators from 2 up to 6 columns. Colour White

Art. nr. 5991990310040



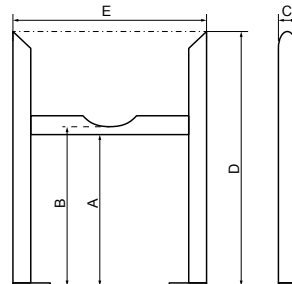
**PLEASE NOTE:**  
it requires the use of a wall tie.  
See page 463

### FIXING KIT WITH COLOURABLE SLIP ON FEET



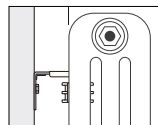
**PLEASE NOTE:**  
it requires the use of a wall tie not included in the price. See page 463

For colours different from standard white R01 see colour chart page 486.

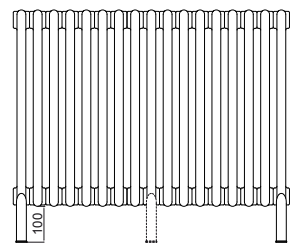
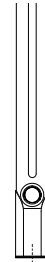
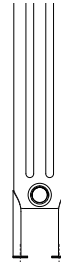
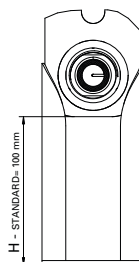


PAIR OF COLOURABLE SLIP ON FEET		A	B	C	D	E
Suitable for	Art. nr. (COLOUR WHITE R01)	[mm]				
<b>2 Columns</b>	5102000000580	120	125,5	30	200	71,5
<b>3 Columns</b>	5102000000581	120	125,5	30	200	112,5
<b>4 Columns</b>	5102000000582	120	125,5	30	200	153,5
<b>5 Columns</b>	5102000000583	120	125,5	30	200	194
<b>6 Columns</b>	5102000000584	120	125,5	30	200	236

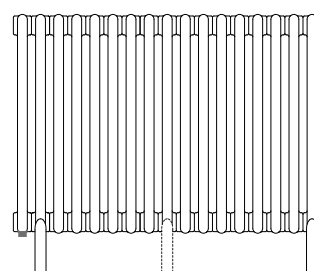
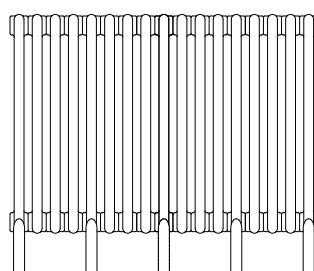
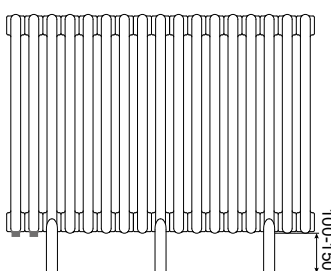
## WELDED FEET SUPPORT



**PLEASE NOTE:**  
it requires the use of a wall tie.  
(not included in price)  
See page 463



	2 Columns	3 Columns	4 Columns	5 Columns	6 Columns	FEET STANDARD HEIGHT
<b>STANDARD EXECUTION</b>	connected		separate			[mm]
from 3 to 23 Elements	<b>2 pairs</b>	<b>2 pairs</b>	<b>2 pairs</b>	<b>2 pairs</b>	<b>2 pairs</b>	100
from 24 to 40 Elements	<b>3 pairs</b>	<b>3 pairs</b>	<b>3 pairs</b>	<b>3 pairs</b>	<b>3 pairs</b>	100
from 41 to 63 Elements	<b>4 pairs</b>	<b>4 pairs</b>	<b>4 pairs</b>	<b>4 pairs</b>	<b>4 pairs</b>	100



**On demand, it is possible to realize:**

- bottom connections to ease installation
- welded feet positioned irregularly
- higher number of welded feet

For colours different from standard white R01 see colour chart page 486.



## FLOOR FIXING KIT

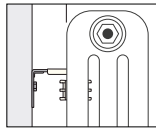
### PAIR OF CAST-IRON FLOOR SUPPORTS



PAIR OF CAST-IRON FLOOR SUPPORTS.

Art. nr. 5991990310308

For different Colours see Colour Chart at page 486



#### PLEASE NOTE:

If requires the use of a wall tie.  
See below

### SINGLE CAST-IRON FLOOR SUPPORT



Single cast-iron floor support  
COLOUR WHITE.

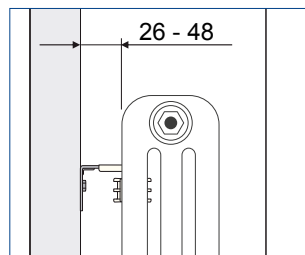
Art. nr. 5991990310517

For different Colours see Colour Chart at page 486

## WALL TIE

Useful to ensure stability and avoid the risk of accidental overturn

**PLEASE NOTE:** it is necessary to use the wall tie in case of feet mounting option.



KIT OF 2 SINGLE WALL TIES  
COLOUR WHITE

Art. nr. 5991990310307

## PLASTERBOARDS WALL ADAPTORS



### MAX LOAD IN KG FOR A PAIR OF PLASTERBOARDS WALL ADAPTORS

Shelves	Thickness of the wall 12,5 mm	Thickness of the wall 12,5 +12,5 mm
<b>2 Columns</b>	46 kg	74 kg
<b>3 Columns</b>	46 kg	74 kg
<b>4 Columns</b>	34 kg	50 kg
<b>5 Columns</b>	30 kg	45 kg
<b>6 Columns</b>	28 kg	40 kg

1 PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 12,5 MM.  
SUITABLE FOR 2/3 COLUMNS WALL BRACKETS  
Kit Art. nr. 5150991100001

1 PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 12,5 MM.  
SUITABLE FOR 4/5/6 COLUMNS WALL BRACKETS  
Kit Art. nr. 5150991100002

1 PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 25 MM.  
SUITABLE FOR 2/3 COLUMNS WALL BRACKETS  
Kit Art. nr. 5150991100003

1 PAIR OF PLASTERBOARDS WALL ADAPTORS - WALL THICKNESS 25 MM.  
SUITABLE FOR 4/5/6 COLUMNS WALL BRACKETS  
Kit Art. nr. 5150991100004

## FIXING KIT (SUITABLE FOR COLOUR F28 - SHINY TRANSPARENT)



1 PAIR  
FIXING KIT  
(SUITABLE FOR  
COLOUR F28 - SHINY  
TRANSPARENT)

Art. nr. 5102000030568

Max load 78 kg.



2 PAIRS  
FIXING KIT  
(SUITABLE FOR  
COLOUR F28 - SHINY  
TRANSPARENT)

Art. nr. 5102000030569

Max load 156 kg.

## BLANKING PLUG AND REDUCING BUSHES AVAILABLE IN COLOUR WHITE RAL 9010 ONLY

### RIGHT SIDE

10 PCS.

1" caps  
Right ø 44 mm  
Silicone gasket  
Size 1"



Art. nr. 5160000000002

### LEFT SIDE

10 PCS.

1" caps  
Left ø 44 mm  
Silicone gasket  
Size 1"



Art. nr. 5160000000004

### BLANKING PLUGS

10 PCS.



1/2" - Art. nr. 5160000000079

3/8" - Cod. 5160000000080

### RIGHT REDUCING BUSHES

10 PCS.

Reducing Bush RIGHT  
Ø 42 mm  
Silicone gasket



Art. nr. 5160000000013 1" x 3/4"

Art. nr. 5160000000009 1" x 1/2"

Art. nr. 5160000000017 1" x 3/8"

Art. nr. 5160000000021 1" x 1/4"

### LEFT REDUCING BUSHES

10 PCS.

Reducing Bush LEFT  
Ø 42 mm  
Silicone gasket



Art. nr. 5160000000015 1" x 3/4"

Art. nr. 5160000000011 1" x 1/2"

Art. nr. 5160000000019 1" x 3/8"

Art. nr. 5160000000023 1" x 1/4"

### NIPPLING KIT

Kit includes:

- 2 reducing bushes Right from 1" M to 1/2 - 3/8" F
- 1 reducing bush left from 1" M to 1/2 - 3/8" F
- 1 cap 1" left
- 1 Air Vent 1/2" - 3/8"
- Gaskets.



1/2" - Art. nr. 5160000000030

3/8" - Art. nr. 5160000000031

Nippling kit for F28 SHINY TRANSPARENT models

1/2" - Art. nr. 51600000000219

## HYDRAULIC ACCESSORIES

### AIRVENT VALVES

10 PCS.

1/2", 1/4", 3/8"



1/2" - Art. nr. 5160000000005

1/4" - Art. nr. 5160000000007

3/8" - Art. nr. 5160000000006

### NIPPLES

10 PCS.

1" nipples + silicon gasket

Use only Cordivari Nipples.  
The use of other nipples  
does not guarantee the  
sealing of the radiator and  
excludes the WARRANTY.



Art. nr. 5160000000026

### DIVERTER

10 PCS.

Reccomended for radiators  
with less than 10 sections  
and/or higher than 1000 mm.



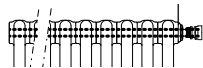
Art. nr. 5160000000028

## INLET LANCE

When Ardesia® tubular radiator with lateral connections exceeds the number of sections and length indicated in below chart, in order to guarantee the normal functioning of the radiator and its thermal output, it is necessary to insert an inlet lance. Its length must be 2/3 of the total radiator length.

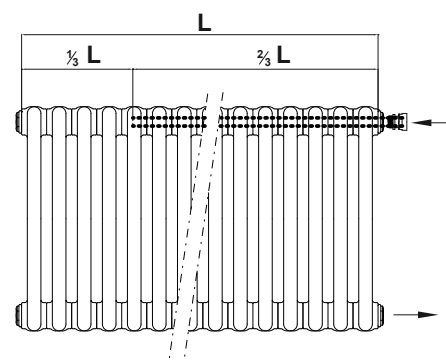
### INLET LANCE KIT

length 4000 mm (to be cut according to desired length) with 1/2" fitting exclusively for Cordivari kristal valve



Art. nr. 5006170030110

Columns	N° elements	Length of the inlet lance [mm]
2	> 85	3910
3	> 83	3818
4	> 80	3680
5	> 70	3220
6	> 55	2530



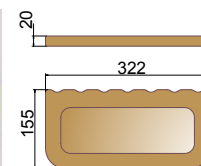
## HOOKS AND TOWEL BAR

### HOOK



Art. nr.	Finishing/colours	N° of single items per kit
5991990310376	CHROMED	2
5991990310375	WHITE	2

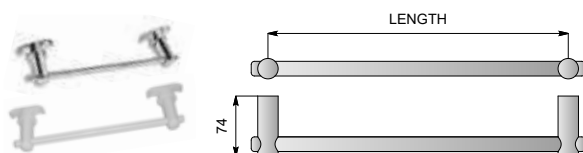
### WOODEN SHELF



Art. nr.	Finishing
5991990500013	White Oak

Available only for Ardesia® 2 and 3 COLUMNS ≥ 9 elements

### TOWEL BAR



ART. NR.	Finishing/colours	Width	N° elements
5991990310392	WHITE	322	from 7 onwards
5991990310394		525	from 10 onwards
5991990310393	CHROMED	322	from 7 onwards
5991990310395		525	from 10 onwards

## MAINTENANCE

### TOUCH-UP PENS - R01

2 PCS PAC  
COLOUR  
WHITE RAL 9010



Art. nr. 5160000000076

### TOUCH-UP PENS - R02

2 PCS PACK  
COLOUR  
WHITE RAL 9016



Art. nr. 5160000000077

### WOOL BRUSH FOR CLEANING RADIATORS

- Antistatic. Ideal to capture dust
- It can be used on both wet and dry surfaces
- Flexible structure, it allows to clean each part of the radiator
- Hand washable in cold water



Art. nr. 5991990000016



# ACCESSORIES

## HOOKS AND TOWEL BAR PAINTED IN STANDARD COLOUR WHITE R01\*

### KIT 2 HOOKS - WHITE R01



Suitable for:	Art. nr.
<b>CLAUDIA®</b>	5991990310028
<b>CLAUDIA® WIDE</b>	
<b>CLAUDIA® CURVED</b>	
<b>CLAUDIA® SQUARE</b>	
<b>CLAUDIA® ELECTRIC</b>	
<b>CLAUDIA® BLOWER</b>	
<b>DORIANA</b>	

### TOWEL BAR - WHITE R01



Suitable for:	Art. nr.	Width
<b>CLAUDIA®</b> <b>CLAUDIA® ELECTRIC</b> (Width ≥ 400 mm)	5991990310047	276 mm
<b>CLAUDIA®</b> <b>CLAUDIA® ELECTRIC</b> (Width ≥ 500 mm)	5991990310029	368 mm
<b>CLAUDIA®</b> <b>CLAUDIA® ELECTRIC</b> (Width ≥ 600 mm)	5991990310034	460 mm
<b>CLAUDIA®</b> (Width ≥ 750 mm)	5991990310030	552 mm

### KIT 2 HOOKS - WHITE R01



Suitable for:	Art. nr.
<b>LUCY 18</b>	5991990310388
<b>LUCY 18 WIDE</b>	
<b>ALICE 18</b>	
<b>LUCY ELECTRIC</b>	5991990310389
<b>DORY</b>	
<b>DORY ELECTRIC</b>	
<b>DORY BLOWER</b>	
<b>ROSY VT/OR</b>	5991990310391
<b>KATIA VX</b>	
<b>KARIN VX</b>	

### TOWEL BAR - WHITE R01



Suitable for:	Art. nr.	Width
<b>LUCY 18</b> (Width ≥ 500 mm)	5991990331126	440 mm
<b>ALICE 18</b> (Width ≥ 475 mm)		
<b>LUCY 18 ELECTRIC</b>	5991990331127	390 mm
<b>DORY</b> (Width ≥ 500 mm)		
<b>DORY ELECTRIC</b>		
<b>DORY BLOWER</b>		
<b>ROSY OR</b> (Width ≥ 448 mm)	5991990331129	440 mm
<b>KATIA VX</b> (Width ≥ 500 mm)		
<b>KARIN VX</b> (Width ≥ 450 mm)		

\*The code nr of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 486.

## HOOKS AND TOWEL BAR POLISHED STAINLESS STEEL

### KIT 2 HOOKS - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.
<b>SANDY</b>	5991990010215

### TOWEL BAR - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.	Width
<b>SANDY</b> (Width ≥ 500 mm)	5991990010220	350 mm

### KIT 2 HOOKS - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.
<b>ELEN 18 POLISHED</b>	5991990010216
<b>ELEN 18 WIDE POLISHED</b>	
<b>GIADA 18 POLISHED</b>	
<b>GIADA 18 POLISHED</b>	

### TOWEL BAR - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.	Width
<b>ELEN 18 POLISHED</b> (Width ≥ 500 mm)	5991990010221	350 mm
<b>GIADA 18 POLISHED</b> (Width ≥ 511 mm)		

### KIT 2 HOOKS - POLISHED STAINLESS STEEL



Suitable for:	Art. nr.
<b>STEFANIA POLISHED</b>	5991990010218

# ACCESSORIES

## HOOKS AND TOWEL BAR SATIN STAINLESS STEEL

### KIT 2 HOOKS - SATIN STAINLESS STEEL



Suitable for:	Art. nr.
<b>ELEN 18 satin</b>	5991990010217
<b>GIADA 18 satin</b>	

### TOWEL BAR - SATIN STAINLESS STEEL



Suitable for:	Art. nr.	Width
<b>ELEN 18 SATIN</b> (Width ≥ 500 mm)	5991990010222	350 mm
<b>GIADA 18 SATIN</b> (Width ≥ 511 mm)		

### KIT 2 HOOKS - SATIN STAINLESS STEEL



Suitable for:	Art. nr.
<b>STEFANIA satin</b>	5991990010219

## WOODEN SHELVES FOR ROSY MIRROR

### KIT 2 WOODEN SHELVES - 162X100 MM



Finishing	Art. nr.
White	5991990500006
Bay Oak	5991990500005
Wenghé	5991990500007

for ROSY MIRROR central mirror

### KIT 2 WOODEN SHELVES - 218X100 MM



Finishing	Art. nr.
White	5991990500009
Bay Oak	5991990500008
Wenghé	5991990500010

for ROSY MIRROR lateral mirror

## TOWEL BAR

### FOLDABLE TOWEL BAR IN PLEXIGLASS AND STAINLESS STEEL



Width <b>L</b> x Depth <b>P</b>	Art. nr.
<b>L</b> 370 mm x <b>P</b> 377 mm	5991990310402
<b>L</b> 420 mm x <b>P</b> 377 mm	5991990310403

Foldable and removable, it is suitable for towel rails in all finishing: white, coloured, chromed or stainless steel finishing.

It can not be used on towel rails with curved elements, Dory and Lucy Plus models.

Available with Width ≥ 450 mm

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION  
RADIATORS

MYWAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



# SPARE PARTS - KIT DI FIXING KIT

## WALL FIXING BRACKETS - TOWEL RAILS

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. **PLEASE NOTE:** fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

### FIXING KIT - WHITE R01\*

	Suitable for:	Art. nr.
	<b>ANNA</b>	5102000000268
	<b>CLAUDIA® CURVED</b>	5102000000383

### FIXING KIT - WHITE R01\*

	Suitable for:	Art. nr.
	<b>CLAUDIA®</b>	51020000000561
	<b>CLAUDIA® ELECTRIC</b>	

### FIXING KIT - WHITE R01\*

	Suitable for:	Art. nr.
	<b>FEDERICA</b>	51020000000744
	<b>KELLY 5010</b>	
	<b>KELLY 5010 ELECTRIC</b>	51020000000536
	<b>KELLY 5010 BLOWER</b>	

### FIXING KIT - WHITE R01\*

	Suitable for:	Art. nr.
	<b>DORY</b>	
	<b>DORY ELECTRIC</b>	
	<b>DORY BLOWER</b>	
	<b>GLORIA 22</b>	
	<b>GLORIA 22 WIDE</b>	
	<b>GLORIA 22 BLOWER</b>	
	<b>KATIA VX</b>	5102000000390
	<b>KATIA VX WIDE</b>	
	<b>LUCY 18/25</b>	
	<b>LUCY 18 ELECTRIC</b>	
	<b>LUCY 18/25 PLUS</b>	
	<b>LUCY 18 WIDE</b>	
	<b>SAMIRA</b>	
	<b>CLAUDIA® WIDE</b>	
	<b>NAUSICA</b>	
	<b>NAIKE SQUARE</b>	5102000000539
	<b>NAIKE ROUND</b>	

\*The code nr of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator.  
Colour surcharge indicated in colour chart page 486.

## WALL FIXING BRACKETS - RADIATORS

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. **PLEASE NOTE:** fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

### FIXING KIT - WHITE R01\*

	Suitable for:	Art. nr.
	<b>ALICE 18/22/25 OR</b>	
	<b>KARIN VX OR</b>	5102000000390
	<b>ROSY OR</b>	

### FIXING KIT - WHITE\*

	Suitable for:	Art. nr.
	<b>DORIANA VT/OR</b>	5102000000004

### FIXING KIT - WHITE R01\*

	Suitable for:	Art. nr.
	<b>ALICE 18 TANDEM OR</b>	51020000000047
	<b>ALICE 22 TANDEM OR</b>	
	<b>ALICE 25 TANDEM OR</b>	51020000000693
	<b>KARIN VX TANDEM OR</b>	51020000000587
	<b>ROSY TANDEM OR</b>	51020000000046

### FIXING KIT - WHITE R01\*

	Suitable for:	Art. nr.
	<b>ALICE 18 VT</b>	5102000000256
	<b>ALICE 18 TANDEM VT</b>	
	<b>ALICE 22 VT</b>	5102000000318
	<b>ALICE 22 TANDEM VT</b>	
	<b>ALICE 25 VT</b>	5102000000690
	<b>ALICE 25 TANDEM VT</b>	
	<b>ARIANNA TANDEM</b>	51020000000516
	<b>ROSY VT</b>	
	<b>ROSY TANDEM VT</b>	5102000000169
	<b>ROSY MIRROR</b>	
	<b>KEIRA</b>	
	<b>KEIRA TANDEM</b>	5102000000395
	<b>ROSY MAX</b>	
	<b>KARIN VX VT</b>	5102000000256
	<b>KARIN VX TANDEM</b>	


\*The code nr of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator.  
Colour surcharge indicated in colour chart page 486.

# SPARE PARTS - KIT DI FIXING KIT

## POLISHED FIXING KIT

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. **PLEASE NOTE:** fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.


### FIXING KIT - POLISHED

Suitable for:	Art. nr.
 <b>ELEN 18</b>	5102000000409
<b>ELEN 18 WIDE</b>	
<b>ELEN 22</b>	
<b>LEILA</b>	
<b>LEILA Electric</b>	
<b>SANDY</b>	
<b>STEFANIA</b>	
<b>ALESSANDRA</b>	
<b>ALESSANDRA Electric</b>	
<b>LAURA</b>	
<b>LAURA Electric</b>	
<b>ELSA</b>	5102000000411

### FIXING KIT - POLISHED


Suitable for:	Art. nr.
 <b>GIADA 18 OR polished</b>	5102000000409

### FIXING KIT - POLISHED


Suitable for:	Art. nr.
 <b>GIADA 18 VT polished</b>	5102000000748

## SATIN FIXING KIT


### FIXING KIT - SATIN

Suitable for:	Art. nr.
 <b>ELEN 18 satin</b>	5102000000405
<b>STEFANIA satin</b>	

### FIXING KIT - SATIN

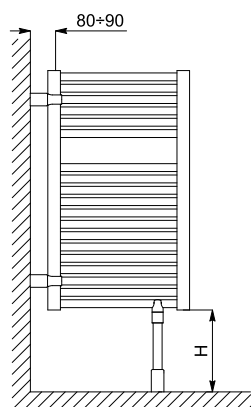
Suitable for:	Art. nr.
 <b>GIADA 18 OR satin</b>	5102000000405

### FIXING KIT - SATIN

Suitable for:	Art. nr.
 <b>GIADA 18 VT satin</b>	5102000000749
Kit includes: Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice	

## FLOOR FIXING KIT

### FLOOR FIXING KIT - WHITE R01\*



Suitable for:
<b>CLAUDIA®</b>
<b>ANNA</b>
Art. nr. 5102000000202 H=96 mm
Art. nr. 5102000000203 H=146 mm
Art. nr. 5102000000204 H=196 mm

\*The code nr of the chart refer to standard colour white R01 - RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart page 486.

**PLEASE NOTE:** Fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

# DUAL ENERGY KIT

## "WiFi" DIGITAL THERMOSTAT KIT

NEW



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000800	300	ø 12 x 350
5102000000801	400	ø 12 x 415
5102000000802	500	ø 12 x 450
5102000000803	600	ø 12 x 550
5102000000804	700	ø 12 x 550
5102000000805	900	ø 12 x 710
5102000000806	1000	ø 12 x 710
5102000000807	1200	ø 12 x 920

PRODUCT AVAILABLE FROM APRIL 2022

NEW



GREY

Art. nr.	Output [Watt]	Size [mm]
5102000000808	300	ø 12 x 350
5102000000809	400	ø 12 x 415
5102000000810	500	ø 12 x 450
5102000000811	600	ø 12 x 550
5102000000812	700	ø 12 x 550
5102000000813	900	ø 12 x 710
5102000000814	1000	ø 12 x 710
5102000000815	1200	ø 12 x 920

PRODUCT AVAILABLE FROM APRIL 2022

## "PLUS" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000002147	300	ø 12 x 350
5102000002148	400	ø 12 x 415
5102000002149	500	ø 12 x 450
5102000002150	600	ø 12 x 550
5102000002151	700	ø 12 x 550
5102000002152	900	ø 12 x 710
5102000002163	1000	ø 12 x 710
5102000002153	1200	ø 12 x 920



GREY

Art. nr.	Output [Watt]	Size [mm]
5102000002154	300	ø 12 x 350
5102000002155	400	ø 12 x 415
5102000002156	500	ø 12 x 450
5102000002157	600	ø 12 x 550
5102000002158	700	ø 12 x 550
5102000002159	900	ø 12 x 710
5102000002164	1000	ø 12 x 710
5102000002160	1200	ø 12 x 920

## "TOP" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000458	300	ø 12 x 350
5102000000459	400	ø 12 x 415
5102000000460	500	ø 12 x 450
5102000000461	600	ø 12 x 550
5102000000462	700	ø 12 x 550
5102000000463	900	ø 12 x 710
51020000002165	1000	ø 12 x 710
5102000000464	1200	ø 12 x 920



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000465	300	ø 12 x 350
5102000000466	400	ø 12 x 415
5102000000467	500	ø 12 x 450
5102000000468	600	ø 12 x 550
5102000000469	700	ø 12 x 550
5102000000470	900	ø 12 x 710
51020000002166	1000	ø 12 x 710
5102000000471	1200	ø 12 x 920

## "ECO" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000638	300	ø 12 x 350
5102000000639	400	ø 12 x 415
5102000000640	500	ø 12 x 450
5102000000641	600	ø 12 x 550
5102000000642	700	ø 12 x 550
5102000000643	900	ø 12 x 710
51020000002167	1000	ø 12 x 710
5102000000644	1200	ø 12 x 920



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000645	300	ø 12 x 350
5102000000646	400	ø 12 x 415
5102000000647	500	ø 12 x 450
5102000000648	600	ø 12 x 550
5102000000649	700	ø 12 x 550
5102000000650	900	ø 12 x 710
51020000002168	1000	ø 12 x 710
5102000000651	1200	ø 12 x 920

- 1 electric resistance with digital white thermostat, classe 1, class 1, ingress protection IP44 available from 300W up to 1200W V230. - White or grey power cable and Schuko plug included.
- 2 "T" polished connections of 1"1/2 • 1 nicked brass with O-Ring 1/2 gas M • User notice

# REMOTE CONTROLS

## "PLUS" THERMOSTAT REMOTE CONTROL IR



Suitable for electric version of:

Claudia®, Lucy, Dory, Kelly 5010

Digital thermostat **PLUS**

Art. nr. 5150990000012

Remote control of PLUS digital chrono-thermostat functioning

## "TOP" THERMOSTAT REMOTE CONTROL



Suitable for electric version of:

Ardesia®, Elen, Stefania, Sandy, Leila

Digital thermostat **TOP**

Art. nr. 5150990000002

Remote control of TOP digital chrono-thermostat functioning

# DUAL ENERGY KIT

## ANALOG THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000472	300	ø 12 x 350
5102000000473	400	ø 12 x 415
5102000000474	500	ø 12 x 450
5102000000475	600	ø 12 x 550
5102000000476	700	ø 12 x 550
5102000000477	900	ø 12 x 710
5102000002169	1000	ø 12 x 710
5102000000478	1200	ø 12 x 920



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000479	300	ø 12 x 350
5102000000480	400	ø 12 x 415
5102000000481	500	ø 12 x 450
5102000000482	600	ø 12 x 550
5102000000483	700	ø 12 x 550
5102000000484	900	ø 12 x 710
5102000002170	1000	ø 12 x 710
5102000000485	1200	ø 12 x 920

- 1 electric resistance with analog white or chromed thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. White or chromed power cable and Schuko plug included.
- 2 "T" polished connections of 1"1/2 • 1 nicked brass with O-Ring 1/2 gas M • User notice

## "ECO" DIGITAL THERMOSTAT KIT + COMBI VALVES



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000652	300	ø 12 x 350
5102000000653	400	ø 12 x 415
5102000000654	500	ø 12 x 450
5102000000655	600	ø 12 x 550
5102000000656	700	ø 12 x 550
5102000000657	900	ø 12 x 710
5102000002172	1000	ø 12 x 710
5102000000658	1200	ø 12 x 920

## "TOP" DIGITAL THERMOSTAT KIT + COMBI VALVES



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000573	300	ø 12 x 350
5102000000574	400	ø 12 x 415
5102000000575	500	ø 12 x 450
5102000000576	600	ø 12 x 550
5102000000577	700	ø 12 x 550
5102000000578	900	ø 12 x 710
5102000002171	1000	ø 12 x 710
5102000000579	1200	ø 12 x 920

## "WIFI" DIGITAL THERMOSTAT KIT + COMBI VALVES

NEW



WHITE

Art. nr.	Output [Watt]	Size [mm]
5102000000816	300	ø 12 x 350
5102000000817	400	ø 12 x 415
5102000000818	500	ø 12 x 450
5102000000819	600	ø 12 x 550
5102000000820	700	ø 12 x 550
5102000000821	900	ø 12 x 710
5102000000822	1000	ø 12 x 710
5102000000823	1200	ø 12 x 920

PRODUCT AVAILABLE FROM APRIL 2022

## "WIFI" DIGITAL THERMOSTAT KIT + COMBI VALVES

NEW



CHROMED

Art. nr.	Output [Watt]	Size [mm]
5102000000824	300	ø 12 x 350
5102000000825	400	ø 12 x 415
5102000000826	500	ø 12 x 450
5102000000827	600	ø 12 x 550
5102000000828	700	ø 12 x 550
5102000000829	900	ø 12 x 710
5102000000830	1000	ø 12 x 710
5102000000831	1200	ø 12 x 920

PRODUCT AVAILABLE FROM APRIL 2022

- 1 electric resistance with digital white or chromed thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. Grey power cable and Schuko plug included
- Chromed Combi kit valve - fittings for copper or multilayer pipes included
- User notice

## BASIC ELECTRIC RESISTANCE AND PLUG



GREY

Art. nr.	Output [Watt]	Size [mm]
5102000000282	300	ø 12 x 350
5102000000455	400	ø 12 x 415
5102000000456	500	ø 12 x 450
5102000000284	600	ø 12 x 550
5102000000457	700	ø 12 x 550
5102000000286	900	ø 12 x 710
5102000000287	1200	ø 12 x 920

- 1 electric resistance with polished cap; class 1, protection class IP54 available from 300W to 1200W, V230. • 2 "T" polished connections of 1"1/2 • 1 nicked brass with O-Ring 1/2 gas M
- User notice

# REMOTE CONTROLS (OPTIONAL)

## "BLOWER" REMOTE CONTROL



Suitable for:

Art. nr.

**BLOWER** Radiators

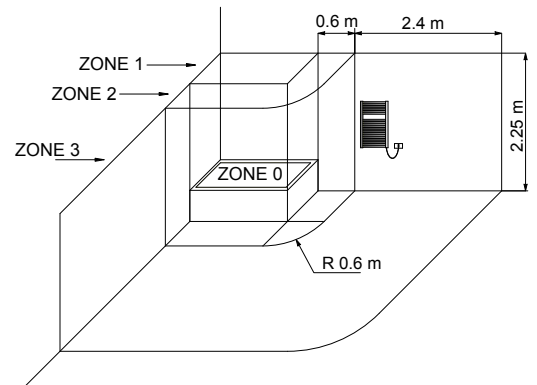
5150990000011

Remote control of ventilated functioning

# DUAL ENERGY KIT

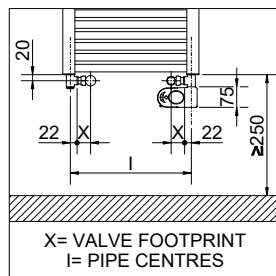
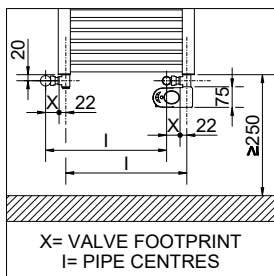


## INSTALLATION REQUIREMENTS

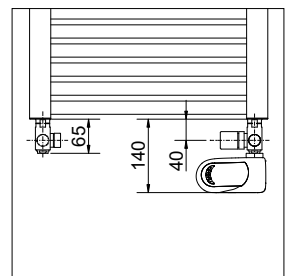
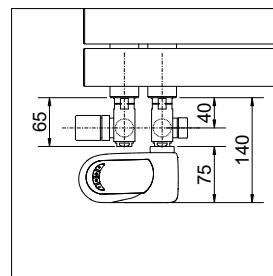


The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

## STANDARD CONNECTION



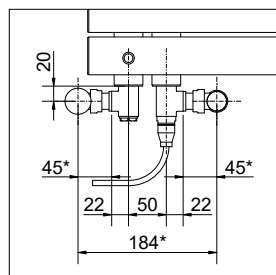
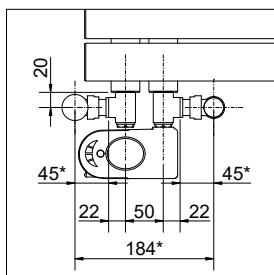
## COMBI VALVES KIT CONNECTION



The combination kit with COMBI valves is the ideal solution for asymmetric models such as KELLY 5010.

This type of valve allows to keep unchanged the center distance of the hot water pipes.

## KELLY 5010 MODELS CONNECTION





# RANGE OF DIGITAL THERMOSTATS

## WiFi NEW DIGITAL THERMOSTAT

NEW

New digital WiFi thermostat

With Cordivari WiFi thermostats it's possible to customize the heating of each room with a single account by connecting each radiator to the home WiFi network.

The system allows you to manage each towel rail individually or to create groups of thermostats.

Through the app, available for iOS and Android, it's possible to control and set the temperature, set and program the bands and operating modes, keep all the setting parameters of each radiator or group under control.

The application also allows the monitoring of the daily graphs of the temperature set for each mode and of the temperature detected in the room.

All simply through the account to be created at the first

connection.

The system supports 2,4GHz networks.

Cordivari WiFi thermostats are fully compatible with **Alexa** and **Google Home** systems.

Thanks to this feature they can be managed simply with language, interacting with the artificial intelligence of the two largest virtual assistants available on the market.



For white electric radiators



For coloured electric radiators

## PLUS DIGITAL THERMOSTAT

Digital thermostat with white backlighting, integrated programming, open window sensor and energy consumption indicator in kWh.

### MAIN FUNCTIONS

- Room temperature regulation
- Setting of the desired temperature
- Power on / heating in standby
- Selection of operating modes
- Fast heating thanks to the Boost function: this mode allows to increase the temperature in the shortest possible time. This function can be activated for a duration ranging from 10 to 90 minutes at intervals of 5 minutes.

- 6 integrated programs: AUTO (Programming), BOOST, COMFORT, ECO, ANTIFREEZE, STAND-BY HEATING

- Energy consumption meter: automatic indicator of new energy consumption according to the desired temperature

Energy consumption indicator in kWh: estimated consumption in kWh in the last 24 hours or from the last reset of the meter.

Open window sensor: Automatic switch to antifreeze mode when a significant temperature drop is detected during room ventilation. PROGRAMMING

- 5 different programming profiles for each day of the week: P1, P2, P3, Comfort, Eco

- Customization of programs P1, P2, P3

- Manual and temporary modification of a running program

### HELP FOR PARTIALLY SIGHTED USERS

- On / off button in relief to be easily identifiable by touch
- Acoustic signals that indicate the transition from the standby function to an active mode

### SAFETY

- Keypad lock for child safety
- Safety settings:
  - limitation of the set temperature range (min. and max.) Backup in case of mains power failure:
- Over-temperature protection in Boost mode



For white electric radiators



For coloured electric radiators

## TOP DIGITAL THERMOSTAT

### MAIN CHARACTERISTICS AND OPERATION MODALITIES

- CRONO: function of chrono-thermostat with daily or weekly programming with two temperature levels (Comfort/Eco)
- COMFORT: Possibility of setting your own desired temperature for time slot for higher comfort
- ECO: Possibility of keeping the temperature constant with lower power consumption. Useful for energy saving when the room is not occupied.
- ANTI-FREEZE: Useful if the room is not used for longer periods
- TIMER/FORCED MARCH: Useful to heat rapidly the room and dry towels thanks to 2h of forced march at max. Power.

- CHILD SAFETY LOCK: special purpose lock of the display panel so to avoid any accidental alteration
- REMOTE CONTROL (optional): The digital thermostat is equipped with an infrared remote control useful to manage all the aforementioned functions.
- Wide display screen: optimum readability thanks to the backlight
- Ingress protection: IP44
- Protection class: 1
- Operating temperature: from -10°C to +40°C
- Setpoint temperature: from +7°C to +32°C
- Voltage: 230 V / 50 Hz



For white electric radiators



For coloured electric radiators

## ECO DESIGN DIGITAL THERMOSTAT

### MAIN CHARACTERISTICS AND OPERATION MODALITIES

- CRONO: daily and weekly program with two temperature levels (COMFORT and ECO).
- COMFORT: programmed desired temperature for the comfort time bands.
- ECO: programmed desired temperature for lower consumption time bands. Useful during the night or when the radiator is not exploited.
- ANTIFREEZE: protection mode for the radiator in case of long period of inactivity.
- FORCED MARCH: maximum power mode for 2 hours in order to

rapidly reach the comfort temperature.

- SAFETY: opening window sensor. Children's safety guaranteed thanks to the lock out system, which avoids any accidental modification of the set program.

- Wide LCD screen

- Minimum class protection IP 44

- Class I

- Operational temperature conditions: from -10° C to +40° C

- Settable temperature range: from +7° C to +32° C

- Voltage: 230 V / 50 Hz



For white electric radiators



For coloured electric radiators

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

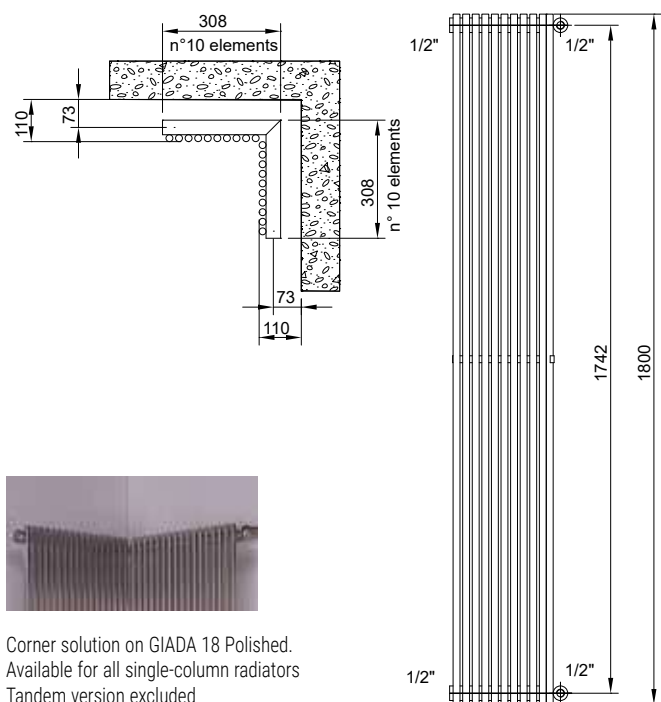
VENTILATION RADIATORS

MYWAY® ACCESSORIES AND TECHNICAL SUPPORT

# SPECIAL EXECUTIONS

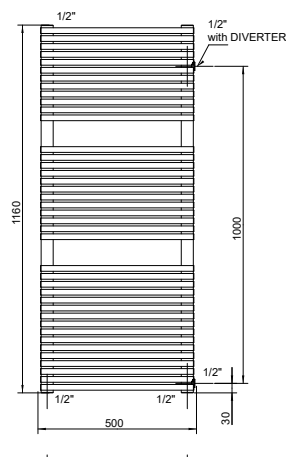
To satisfy increasingly changing market needs, Cordivari has a well experienced and important technical department for "bespoke solutions". Radiators with measures, connections and technical solutions not covered by the catalogue can be developed to customise special requests.

## "CORNER" SOLUTION



Corner solution on GIADA 18 Polished.  
Available for all single-column radiators  
Tandem version excluded

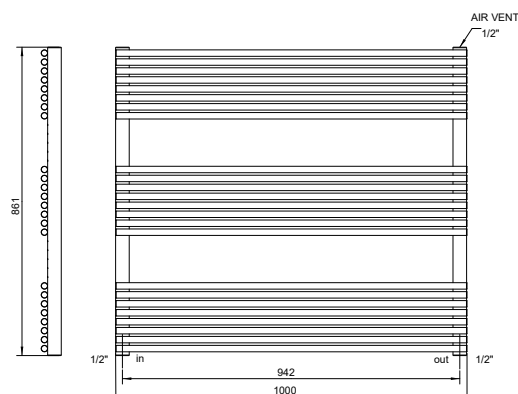
## LATERAL CONNECTIONS



Lateral connections with  
1000 mm pipes centres  
shown on ELEN 18 Polished  
model

Available for all towel rails.

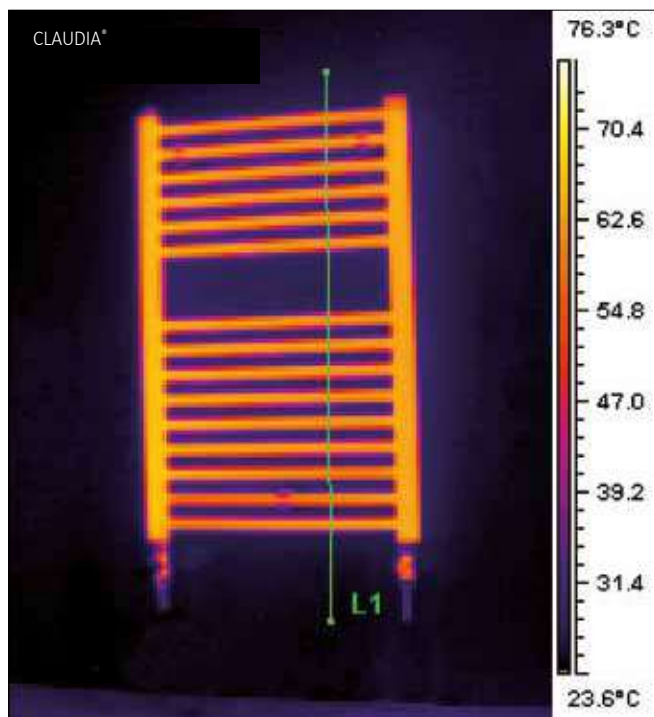
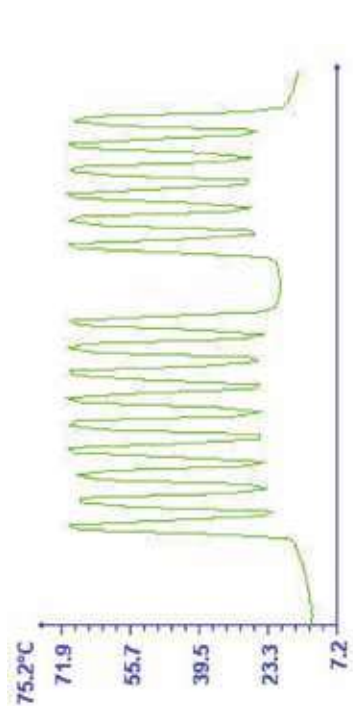
## CUSTOMISED POSITIONING OF RADIANTS



Customised realization of ALICE 18  
horizontal model with "rhythmic"  
radiants.

# THERMOGRAFIC ANALYSIS

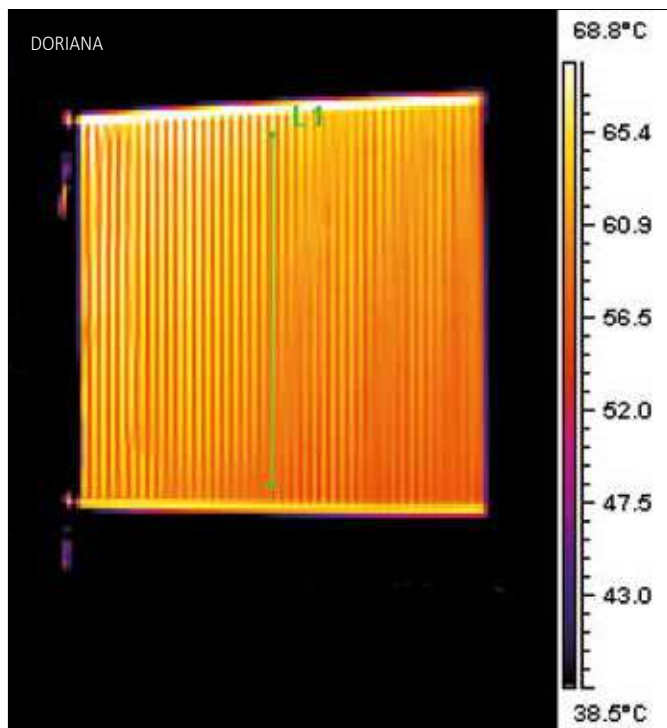
Examples of thermografic analysis for CLAUDIA® and DORIANA models are showed in below graphics.



## THERMOGRAFIC ANALYSIS FOR CLAUDIA® RADIATOR

The image shows a Claudia® radiator exposed to thermografic anlysis in our laboratories.

It is easy to notice that the temperature is distributed homogenously as is also shown on the right grafic presenting the numeric values of the superficial temperature observed in line L1.



## THERMOGRAFIC ANALYSIS FOR DORIANA RADIATOR

The image shows a Doriana radiator variant V3 exposed to thermografic anlysis in our laboratories.

It is easy to notice that the temperature is distributed homogenously as is also shown on the right grafic presenting the regular lowering of temperature in the radiant from top to bottom consequence of the heat transferred to the room.

# TECHNICAL FORMULAS FOR PROFESSIONALS

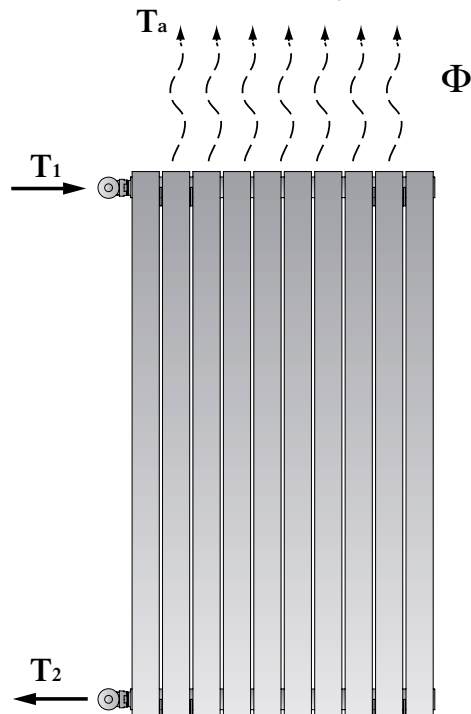
## Thermal Output

The power of a radiator to exchange heating in the room where it is installed depends on many factors: shape, size, installation type and so on, and from a pure technical point of view, from the difference between its temperature and the air temperature around it.

It is known in physics that heating is transmitted spontaneously from a hot body to a cold body and this heating transmission is as big as the difference in temperature between the two bodies.

In order to have comparable data between radiators thermal output, it is necessary to establish the difference in temperature between the radiator and the environment in which it has been fitted.

On this regard, EN 442 European directive refers to the temperature difference between the average hot water temperature inside the radiator and the room temperature where the radiator is fitted.



$T_1$  = delivery temperature

$T_2$  = back flow temperature

$$\Delta T = \left( \frac{T_1 + T_2}{2} \right) - T_a$$

$T_a$  = environment temperature

As example, if:

$T_1 = 75^\circ\text{C}$

$T_2 = 65^\circ\text{C}$

$T_a = 20^\circ\text{C}$

$$\Delta T = \left( \frac{75 + 65}{2} \right) - 20 = 50^\circ\text{C}$$

$\Delta T$  is established at  $50^\circ\text{C}$  and the radiator thermal output has to be determined by authorised laboratories according standard procedures, defined by the European directive. As a consequence:

$$\Phi = K_M \cdot \Delta T^n \quad [\text{W}]$$

That it is called "Heating Body Typical Equation". Such equation allow to calculate the radiator thermal output according to whatever  $\Delta T$ . In such cases, the radiator thermal output at a different  $\Delta T$  than  $50^\circ\text{C}$ , it is calculated as follows:

$$\Phi_{\Delta T} = K_M \cdot \Delta T^n \quad \Phi_{\Delta T} = \frac{\Phi_{50}}{50^n} \cdot \Delta T^n$$

To be precise, the directive states that it is necessary to refer to the arithmetic temperature difference (the  $\Delta T$  defined previously) if as it happens in most cases the relation:

$$\mu = \frac{T_2 - T_a}{T_1 - T_a}$$

It is bigger or equal to 0.7. If the radiator is functioning with low water temperature or big temperature drops, the relations  $\mu$  is lower than 0.7. In this case, it is necessary to change to the above stated relation the "temperature arithmetic difference" with the "temperature logarithmic difference", defined below:

$$\Delta T = \left[ \frac{T_1 - T_2}{\ln \frac{T_1 - T_a}{T_2 - T_a}} \right]$$

Example

If the nominal thermal output of one radiator stated in the catalogue is:

$$\Phi = 430[\text{W}] = 369,8[\text{KCal/h}]$$

and typical equation defined as:

$$\Phi = 3,2967 \cdot \Delta T^{1,2451}$$

and if we assume to make the radiator functioning at  $\Delta T = 60^\circ\text{C}$  we obtain:  $\Phi = 3,2967 \cdot 60^{1,2451} = 539,6[\text{W}] \Rightarrow 539,6 \cdot 0,860 = 464[\text{KCal/h}]$

It is possible to state then, that going from  $\Delta T=50$  to  $\Delta T=60$  the radiator thermal output rise of 25,5%.  
If we think to make functioning the same radiator according to the below conditions:

$$T_1=55\text{ }^{\circ}\text{C}$$

$$T_2=35\text{ }^{\circ}\text{C}$$

$$T_a=20\text{ }^{\circ}\text{C}$$

$$\mu = \frac{35-20}{55-20} = 0,429 < 0,7 \quad \text{et} \quad \Delta T = \left[ \frac{T_1-T_2}{\ln \frac{T_1-T_a}{T_2-T_a}} \right] = \left[ \frac{55-35}{\ln \frac{55-20}{35-20}} \right] = 23,6\text{ }^{\circ}\text{C}$$

Applying the above procedure, the thermal output  $\Delta T$  23,6  $^{\circ}\text{C}$  it is equal to:

$$\Phi = 3,2967 \cdot 23,6^{1,2451} = 168,8[\text{W}] \Rightarrow 168,8 \cdot 0,860 = 142,2[\text{KCal/h}]$$

We remind that in order to have the thermal output express in Kcal/h, it is necessary to multiply the value in Watt x 0.860.

## CALCULATION OF THERMAL OUTPUT WITH DELTA T DIFFERENT FROM 50 $^{\circ}\text{C}$

To calculate the thermal output in Watt (**W**) with  $\Delta t$  different from 50  $^{\circ}\text{C}$  ( $\Delta t_x$ ) you can use the following formula:  $W_{\Delta t_x} = W_{\Delta t_{50}} \cdot (\Delta t_x / \Delta t_{50})^n$

E.g.: to calculate the thermal output in Watt with  $\Delta t$  30 for model ROSY Vertical L 560 mm - H 1600 (that develops 1020 Watt with Exp. n 1,2854):

$$W_{\Delta t_{30}} = 1020 \cdot (30 / 50)^{1,2854} = 529\text{ Watt}$$

## MAXIMUM FLEXIBILITY WITH CORDIVARI RADIATORS

Cordivari radiators range offers many solutions for every need. The following example shows how ROSY Vertical – ROSY TANDEM Vertical – ROSY MAX can satisfy the same need of around 1500 watt thermal output.

$T_1$  = Temperature of inlet water

$T_2$  = Temperature of outlet water

$T_a$  = Room temperature

Height	Width	Elements	$\Delta T$	Output	$T_1$	$T_2$	$T_a$
[mm]	[mm]	n°		Watt			
1800	728	13	50 $^{\circ}\text{C}$	1482	75 $^{\circ}\text{C}$	65 $^{\circ}\text{C}$	20 $^{\circ}\text{C}$



ROSY VT  
(H 1800 x L 728)

Height	Width	Elements	$\Delta T$	Output	$T_1$	$T_2$	$T_a$
[mm]	[mm]	n°		Watt			
1800	728	13	40 $^{\circ}\text{C}$	1591	65 $^{\circ}\text{C}$	55 $^{\circ}\text{C}$	20 $^{\circ}\text{C}$



ROSY TANDEM VT  
(H 1800 x L 728)

Height	Width	Elements	$\Delta T$	Output	$T_1$	$T_2$	$T_a$
[mm]	[mm]	n°		Watt			
1800	728	13	30 $^{\circ}\text{C}$	1690	55 $^{\circ}\text{C}$	45 $^{\circ}\text{C}$	20 $^{\circ}\text{C}$



ROSY MAX  
(H 1800 x L 728)

NOTE: Above data are indicative and can vary in accordance to the type of installation, energy source and market practice.

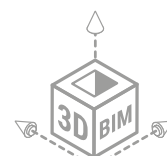
## OUR WEBSITE CORDIVARI.COM



<http://www.cordivari.com>



## DOWNLOAD AREA



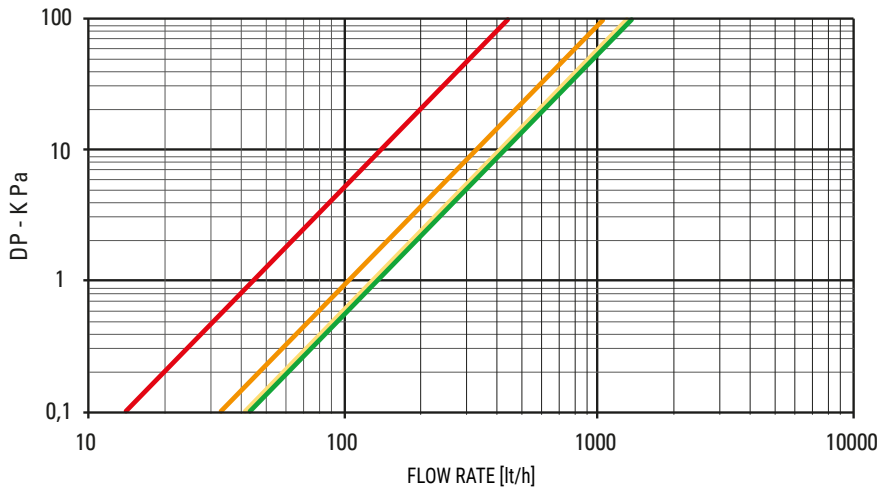
PDF CATALOGUE - 3D MODELS -  
TECHNICAL SHEETS



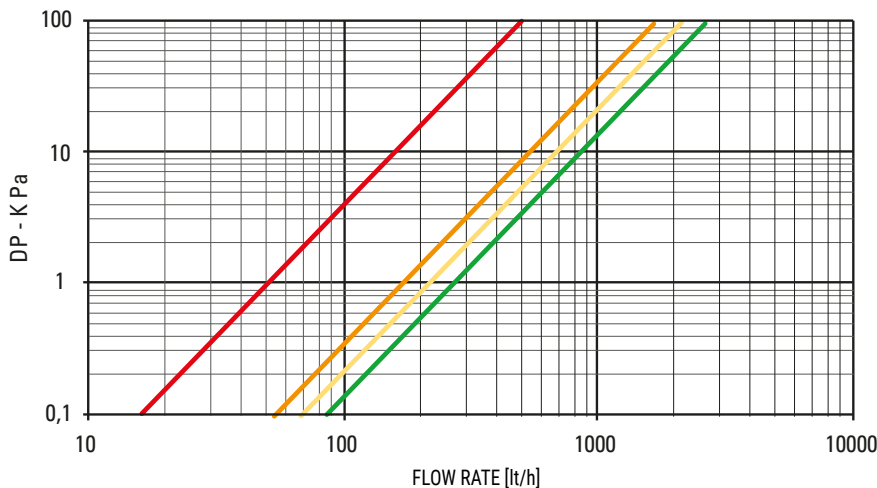
# KRISTAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

**Coefficient Kv**, on the below diagrams, states the flow rate in m<sup>3</sup>/h that is passing by the valve, with a pressure difference of 1 bar.



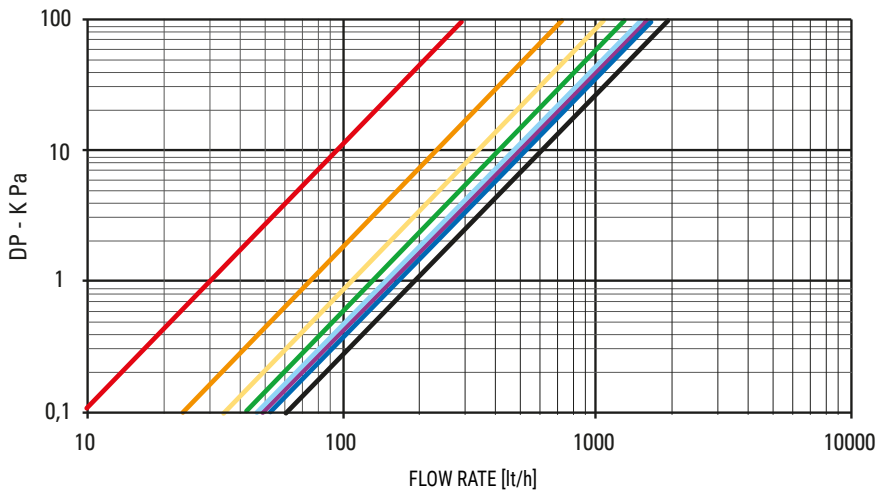
MANUAL  
PIPE CENTRES 50 MM  
STRAIGHT



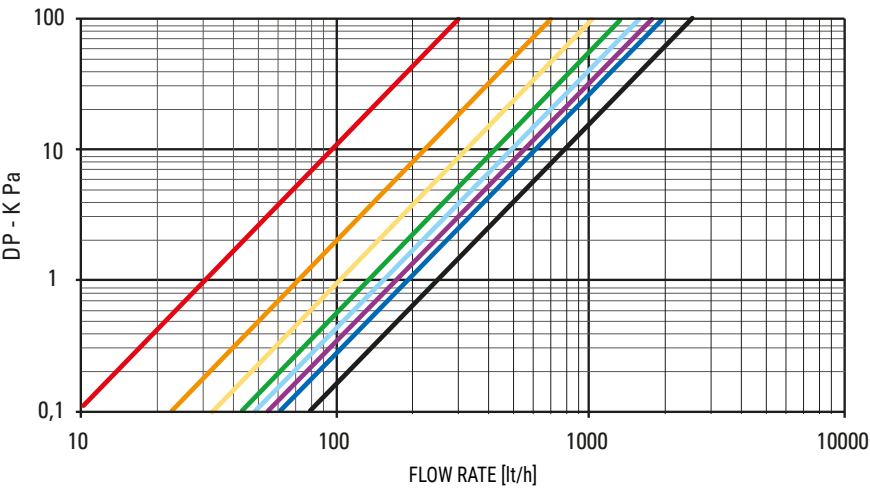
MANUAL  
PIPE CENTRES 50 MM  
SQUARE

The different coloured line indicate different opening levels of the thermostatic head.

# KRISTAL VALVE FLOW RESISTANCE



MANUAL  
PIPE CENTRES 50 MM  
STRAIGHT



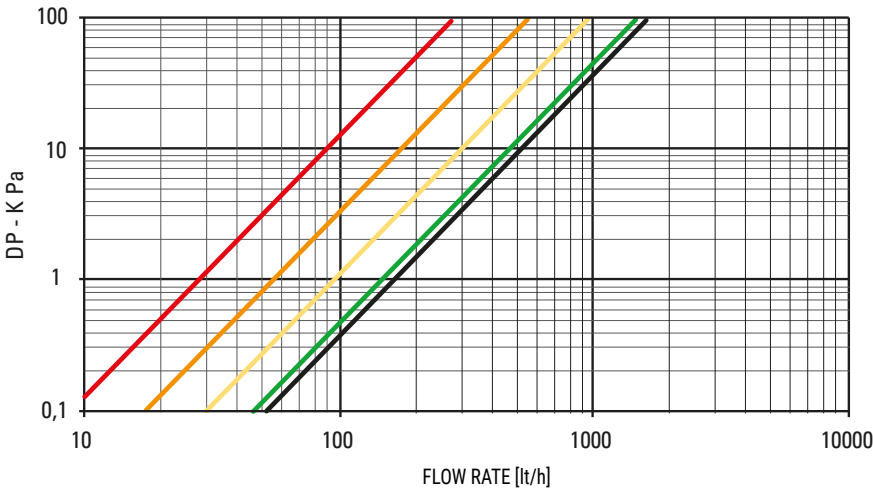
THERMOSTATIC PIPE  
CENTRES 50 MM  
SQUARE

The different coloured line indicate different opening levels of the thermostatic head.

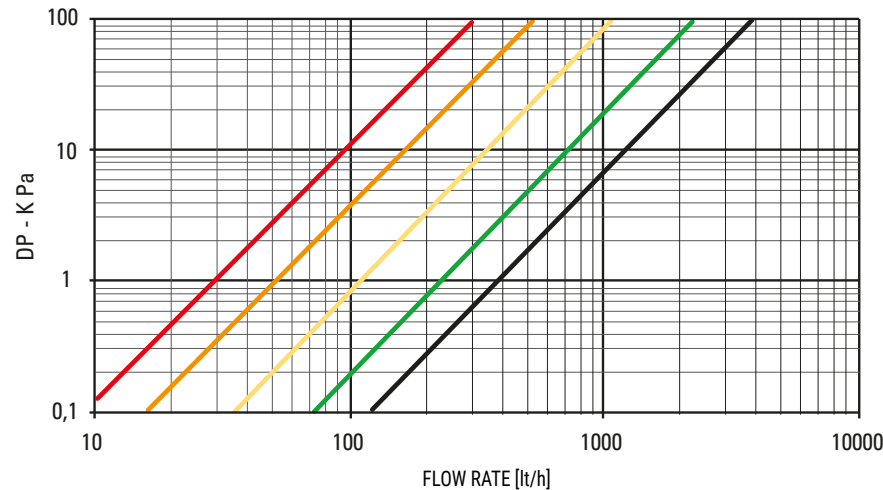
# KRISTAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

**Coefficient Kv**, on the below diagrams, states the flow rate in m3/h that is passing by the valve, with a pressure difference of 1 bar.



THERMOSTATIC  
STRAIGHT

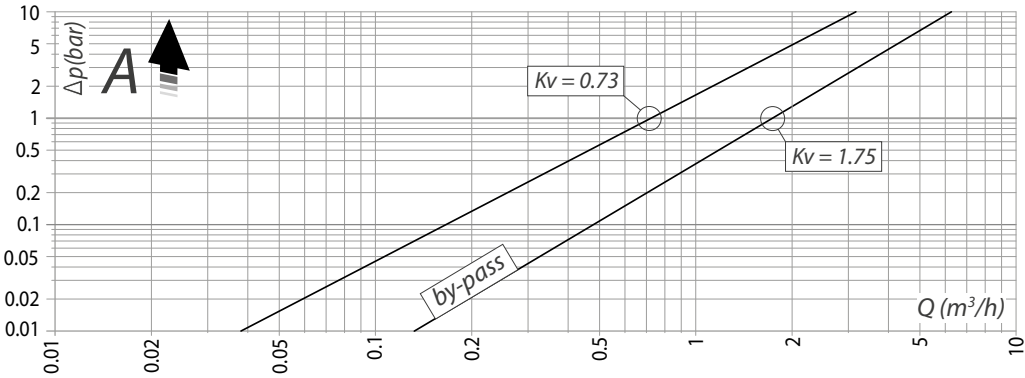


THERMOSTATIC  
SQUARE

# BIDIRECTIONAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

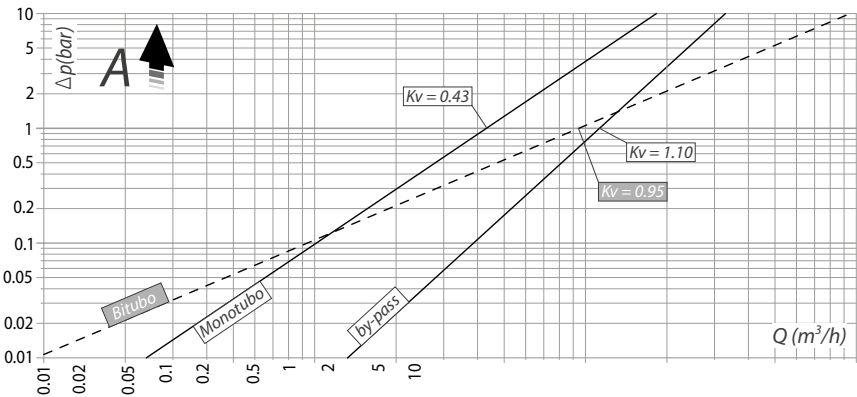
**Coefficient Kv**, on the below diagrams, states the flow rate in m3/h that is passing by the valve, with a pressure difference of 1 bar.



VALVE BIDIRECTIONAL UNDERNEATH INLET



VALVE BIDIRECTIONAL SQUARE



VALVE BIDIRECTIONAL LATERAL INLET

ARDESIA®

TOWEL RAILS

ELECTRIC

STAINLESS STEEL

RADIATORS

VENTILATION RADIATORS

MYWAY® ACCESSORIES AND TECHNICAL SUPPORT

## PRODUCTS CERTIFICATES

	<b>POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA</b> <b>Laboratorio Misure Elettrotecniche MARE - Aspi/Impulsi number 007</b>	
	Indirizzo istituzionale: via Ripamonti 453 - 20138 Milano (Italia) - Dipartimento di Energia, Laboratorio di Elettrotecnica Indirizzo di riferimento: viale S. Matteo 31 - 20133 Milano (Italia) - Laboratorio MARE - Aspi/Impulsi number 007 - 008/017 Indirizzo per corrispondenza: via S. Matteo 31 - 20133 Milano (Italia) - Aspi/Impulsi number 007 - 008/017	
	Indirizzo postale: Via Ripamonti 453 - 20138 Milano - ITALIA Phone: +39 02 5747 29 49-48-49-47 Fax: +39 02 5747 29 47 E-Mail: aspi@polimi.it - mare@polimi.it	
<b>RICERCA DI PRIMA E SECONDA MANO DI BENI DI PROPRIETA' DI TERZI E DI BENI LUCRATIVI DI PRIMA MANO</b> La Società di riferimento è: <b>PIRELLA GÖTTSCHE LOWE</b> (S.p.A.) con sede in Roma (Italia) e filiali in Italia e all'estero. Per informazioni e per la richiesta di un sopralluogo, si prega di scrivere alla PIRELLA GÖTTSCHE LOWE (S.p.A.) all'indirizzo di cui sopra.		
- <b>Politenza</b> (lettera con inviti) non prevista di una persona, affidata per l'intermediazione fra: "Prestatore" (Prestatore) e "Beneficiario" (Beneficiario). Una persona calcolata che intermediazione fra: "Beneficiario" (Beneficiario) e "Beneficiario" (Beneficiario) non prevista di una persona, affidata per l'intermediazione fra: "Beneficiario" (Beneficiario) e "Beneficiario" (Beneficiario).		
- <b>Beneficiario</b> (Beneficiario) non prevista di una persona, affidata per l'intermediazione fra: "Beneficiario" (Beneficiario) e "Beneficiario" (Beneficiario).		
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Test report from MRT (Politecnico of Milan-Italy)

[illegible]

Test report from MRT (Politecnico of Milan-Italy)

[illegible]

Test report from MRT (Politecnico of Milan-Italy)

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a  $\Delta T$  50°C.


Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a  $\Delta T$  50°C.

Determination of working pressure and working temperature according to the standard EN 442-1 and EN 442-2.

[illegible]

Test report from MRT (Politecnico of Milan-Italy)

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a  $\Delta T$  50°C.



# Dichiarazione di prestazione n° 15-2013

Pagina 1 di 2

CEI-CDI AGG. art. 6, 7 e ALLEGATO II DEL REG. (UE) N° 830/2013

Codice di identificazione unico del prodotto-tipo:

## Radiatore ARDESIA 2-3-4-5-6 colonne

Identificazione del prodotto da costruzione ai sensi dell'articolo 11, paragrafo 4:

Nome commerciale	N° colonne	Altezza elemento
Ardesia	2-3-4-5-6 colonne	200-207-300-356-400-466-500-556-600-626-656-676-700-756-800-856-900-926-956-1000-1056-1100-1156-1200-1256-1300-1356-1400-1456-1500 2056-2200-2500

### Destinazione d'uso

Radiatori per l'emissione di calore destinati all'installazione permanente in impianti di riscaldamento di edifici ad uso abitativo, alimentati da sorgente remota di acqua calda o vapore a temperatura minore di 110° C. (EN 442-1-2 dicembre 2004, EN 442-3 novembre 2004)

Nome del costruttore:

**Cordivari Srl Zona Industriale-Pagliare - 64020 Morro D'Oro (TE)**

Sistema di attestazione

### Sistema 3.

Laboratorio di Prova Notificato:

CEIAT – CENTRE TECHNICAL DES INDUSTRIES ET THERMIQUE ed  
 POLITECNICO DI MILANO – Dipartimento di Energia (Notified body number: 16955)  
 secondo il sistema 3. hanno effettuato prove di tipo secondo la Norma armonizzata UNI EN 442  
 e ha rilasciato:

- Determinazione della potenza termica di un corpo riscaldante  
 (Rapporto di prova N° 1623 BG 200-201-202-203-204 del 23/11/2005)
- Determinazione della potenza termica di un corpo riscaldante  
 (Rapporto di prova N° ENG/MRT Res. 13029-13030-13031-13032-13033 del 06/09/2013)
- Prove di tenuta a pressione (Rapporto di prova N° 1623 BG 200 del 23/11/2005)


Caratteristiche essenziali	Prestazione	Specifica tecnica armonizzata
Reazione al fuoco	A1	Prove sulla parte organica di qualsiasi vernice o trattamento superficiale per verificare che inferiore all'1% in massa. (Punto 5.1.7 norma EN 442-1:2004)
Emissione di sostanze pericolose	Le sostanze utilizzate per la verniciatura non rientrano nell'Allegato XIV del Regolamento CE 1907/2006 che sono riconducibili all'Art. 57 e 58 del medesimo Regolamento.	Punto 4 norma EN 442-1:2004
Pressione massima di esercizio	10 bar	EN 442-1:2004

MCDI-CEI - Ediz. 10/11

Data: 28/09/2013

DOP - DECLARATION OF PERFORMANCE

Declaration of performance according to REG 305/2011.



Pagina 2 di 2

## Dichiarazione di prestazione n° 15-2013

DE CUI ARREDA RIV. 4, 6, E 7 ALLEGATO D DEL REG. (UE) N° 9/2011, N. 395/2011

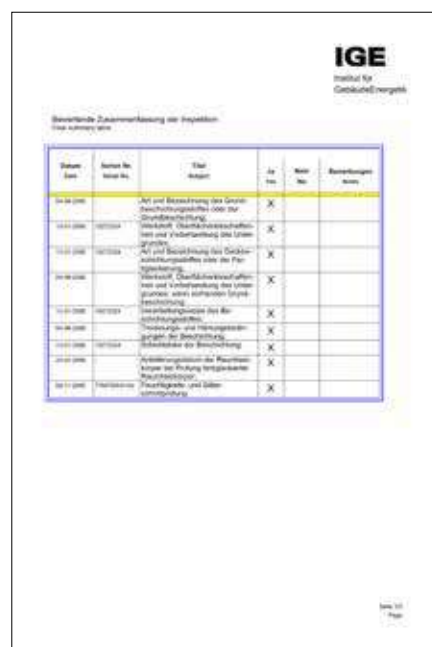
Tenuta alla pressione (prova di tenuta)		13,0 bar		25,0 bar		50,0 bar		250 bar		500 bar		1000 bar		1500 bar		2000 bar		2500 bar		3000 bar		3500 bar		4000 bar		4500 bar		5000 bar		5500 bar		6000 bar		6500 bar		7000 bar		7500 bar		8000 bar		8500 bar		9000 bar		9500 bar		10000 bar		10500 bar		11000 bar		11500 bar		12000 bar		12500 bar		13000 bar		13500 bar		14000 bar		14500 bar		15000 bar		15500 bar		16000 bar		16500 bar		17000 bar		17500 bar		18000 bar		18500 bar		19000 bar		19500 bar		20000 bar		20500 bar		21000 bar		21500 bar		22000 bar		22500 bar		23000 bar		23500 bar		24000 bar		24500 bar		25000 bar		25500 bar		26000 bar		26500 bar		27000 bar		27500 bar		28000 bar		28500 bar		29000 bar		29500 bar		30000 bar		30500 bar		31000 bar		31500 bar		32000 bar		32500 bar		33000 bar		33500 bar		34000 bar		34500 bar		35000 bar		35500 bar		36000 bar		36500 bar		37000 bar		37500 bar		38000 bar		38500 bar		39000 bar		39500 bar		40000 bar		40500 bar		41000 bar		41500 bar		42000 bar		42500 bar		43000 bar		43500 bar		44000 bar		44500 bar		45000 bar		45500 bar		46000 bar		46500 bar		47000 bar		47500 bar		48000 bar		48500 bar		49000 bar		49500 bar		50000 bar		50500 bar		51000 bar		51500 bar		52000 bar		52500 bar		53000 bar		53500 bar		54000 bar		54500 bar		55000 bar		55500 bar		56000 bar		56500 bar		57000 bar		57500 bar		58000 bar		58500 bar		59000 bar		59500 bar		60000 bar		60500 bar		61000 bar		61500 bar		62000 bar		62500 bar		63000 bar		63500 bar	
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DOP - DECLARATION OF PERFORMANCE

Declaration of performance according to REG 305/2011



MYWAY®  
ACCESSORIES AND  
TECHNICAL SUPPORT



CE<sup>05</sup>

[illegible][illegible][illegible]

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a  $\Delta T$  50°C.



**Dichiarazione di prestazione n° 97-2016**  
 DI CUI AGGI. A1, 4, 6, 7 E AGGIUSTO (AI DEL REG. (UE) 9-2011, N. 395/2011)

Pagina 1 di 2

**Codice di identificazione unico del prodotto tipo:**

**Radiatore Anna**

**Identificazione del prodotto da costruzione ai sensi dell'articolo 11, paragrafo 4:**

Nome commerciale	Larghezza	Altezza
Anna	400-450-500-600	840-1160-1454-1775

**Destinazione d'uso**

Radiatori per l'emissione di calore destinati all'installazione permanente in impianti di riscaldamento di edifici ad uso abitativo, alimentati da sorgente remota di acqua calda o vapore a temperatura minore di 110°C. (EN 442-1-2 dicembre 2004, EN 442-3 novembre 2004)

**Nome del costruttore :**

**Cordivari Srl Zona Industriale-Pagliare -64020 Morro D'Oro (TE)**

**Sistema di attestazione**

**Sistema 3.**

**Laboratorio di Prova Notificato:**

Politecnico di Milano – Dipartimento di Energia (Notified body number: 1695)  
 secondo il sistema 3. ha effettuato prove di tipo secondo la Norma armonizzata UNI EN 442

e ha rilasciato:



Determinazione della potenza termica di un corpo Rapporto di prova **ENE/MRT RAP.16092** del 14/03/2016)

- Prove di tenuta a pressione (Rapporto di prova **ENE/MRT RAP.16092/P** del 14/03/2016)

Caratteristiche essenziali	Prestazione	Specifica tecnica armonizzata
Reazione al fuoco	A1	Prove sulla parte organica di qualsiasi vernice o trattamento superficiale per verificare che sia inferiore all'1% in massa. (Punto 5.1.1 norma EN 442-1:2004)
Emissione di sostanze pericolose	Le sostanze utilizzate per la verniciatura non rientrano nell'Allegato XIV del Regolamento CE 1907/2006 se sono riconducibili all'Art. 57 e 59 del medesimo Regolamento.	Punto 4 Norma EN 442-1:2004

0034-0160-1990-001

Data 28/06/2013

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>Dichiarazione di prestazione nr° 97-2006</b>  <small>DI CUI AGGIUNTA, 4, 6, 7 E ALLEGATO AL DEL REG. (UE) 9-3-2011, N. 305/2011</small> </div> <div style="text-align: right;"> <b>Pagina 2 di 2</b> </div> </div>		
<b>Pressione massima di esercizio</b>	<b>8 bar</b>	<b>EN 442-1:2004</b>
<b>Tenuta alla pressione (prova di tenuta)</b>	<b>10,5 bar</b>	<b>Punto 5.2 norma EN 442-1:2004</b>
<b>Tenuta alla pressione (prova di resistenza alla pressione)</b>	<b>13,52 bar</b>	<b>Punto 5.3 norma EN 442-1:2004</b>
<b>Potenza termica nominale</b>	<b>Dimensioni in mm</b>	<b>Potenza termica in Watt</b>
	400 X 840	325
	400 X 1160	429
	400 X 1454	534
	400 X 1775	640
	450 X 840	358
	450 X 1160	472
	450 X 1454	586
	450 X 1775	725
	500 X 840	392
	500 X 1160	515
	500 X 1454	639
	500 X 1775	789
	550 X 840	425
	550 X 1160	558
	550 X 1454	691
	550 X 1775	854
	600 X 840	458
	600x 1160	600
	600 X 1454	744
	600 X 1775	919
	750x 840	557
	750 X 1160	729
	750 X 1454	902
	750 X 1775	1114
<b>Durabilità (prova di aderenza)</b>	<b>Grado 0 (G70)</b>	<b>UNE EN ISO 3409:2007</b>
<b>Durabilità (prova di corrosione)</b>	<b>700 h</b>	<b>UNE EN ISO 9227:2006</b>
<p><i>Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva dell'fabricante di cui al punto 4.</i></p> <p style="text-align: center;"> <b>Morro D'oro il 07/03/2016</b> <span style="margin-left: 100px;"><b>L' Amministratore unico</b></span> </p> <div style="text-align: right; margin-top: 20px;">  </div>		
<div style="display: flex; justify-content: space-between; align-items: center;"> <small>9700000-Rev. 00</small> <small>Data: 28/06/2013</small> </div>		

Declaration of performance according to REG 305/2011

# COMPANY SYSTEM CERTIFICATES



## ENVIRONMENT SYSTEM CERTIFICATE UNI EN ISO 14001

Cordivari has always had among its goals:

- Continual improvement of its products
- Minimal environmental impacts
- Achievement of total quality

Cordivari worked out in order to obtain the most important certifications showing the company engagement towards of its internal system and external environment.

### CE RADIATORS MARK

The CE mark for radiators is compulsory since 01/12/2005.

The main features and tests are:

- Thermal output with relevant heat loss and characteristic formula tested by a certified laboratory as CETIAT, MRT and HLK.
- Conformity to the directive 76/769/CEE regulating the use of dangerous substances during painting process.
- Fire resistance according to EN 13501-1
- Corrosion resistance, endurance in humid atmosphere (min. 100 hours)
- Pressure test

The symbol of CE mark, in conformity to the directive 93/68/CEE, together to other technical information, is applied on the product and on its packaging.



## QUALITY SYSTEM CERTIFICATE UNI EN ISO 9001

### Main Standards regulating the construction of design radiators

UNI EN 442-1:2015

Radiators and convectors – Part 1 : Technical specifications and requirements

UNI EN 442-2:2015

Radiators and convectors – Part 2: Test and evaluation methods

UNI EN 13501-1:2005

Fire class of products and construction parts.

CPR 305/2011

REGULATION (UE) N. 305/2011 OF THE EUROPEAN PARLIAMENT AND COUNCIL ON MARCH 9TH 2011 which regulates the trade of building products and abrogates Council Directive 89/106/CEE.

76/769/CEE

Directive on use and market of some dangerous substances.

93/68/CEE

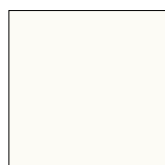
CE mark

VDI 6036:2012

Radiators fixing kit conformity certification according to VDI 6036:2012

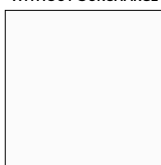
# COLOURS

## STANDARD



**RAL 9010 - R01**  
BIANCO  
PURE WHITE

ON DEMAND  
WITHOUT SURCHARGE



**RAL 9016 - R02**  
BIANCO TRAFFICO  
TRAFFIC WHITE

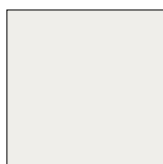
## CLASSIC



**RAL 9001 - R14**  
CREMA  
CREAM



**S20**  
JASMINE



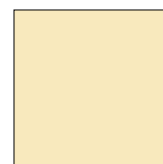
**S03**  
PERGAMON



**S16**  
CANARY



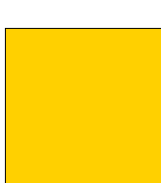
**RAL 1013 - R40**  
PEARL WHITE



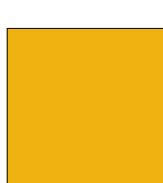
**S10**  
ANEMONE



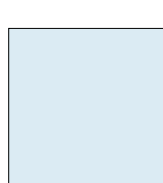
**S21**  
PALE YELLOW



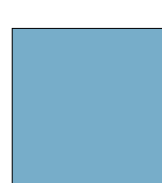
**RAL 1021 - R05**  
GIALLO ACCESO  
YELLOW RAPE



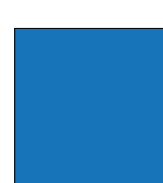
**RAL 1004 - R06**  
GIALLO ORO  
GOLD



**H04**  
GHIACCIO  
ICE



**H09**  
LAGO  
LAKE



**RAL 5015 - R11**  
BLU CIELO  
BLUE SKY



**RAL 5017 - R18**  
BLU OLTREMARE  
OVERSEAS BLUE



**RAL 5022 - R19**  
BLU NOTTE  
BLUE NIGHT



**RAL 9005 - R13**  
NERO  
JET BLACK



**H24**  
MANGO



**H25**  
MANDARINO  
TANGERINE



**RAL 2004 - R16**  
ARANCIO  
PURE ORANGE



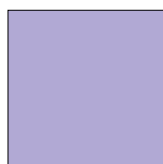
**H27**  
ROSSO VIVO  
BRIGHT RED



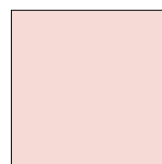
**RAL 3003 - R08**  
ROSSO RUBINO  
RUBY RED



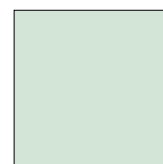
**RAL 4008 - R25**  
VIOLA  
PURPLE



**H53**  
LILLA ACCESO  
BRIGHT LILAC



**S13**  
ROSA SUSSURRATO  
LIGHT PINK



**RAL 6019 - R26**  
WEISSGRÜN  
LIGHT GREEN



**H30**  
MELA VERDE  
GREEN APPLE



**RAL 6002 - R20**  
VERDE FOGLIA  
GREEN LEAF



**RAL 8017 - R09**  
TESTA DI MORO  
DARK BROWN



**S17**  
BAHAMA BEIGE



**H48**  
TORTORA  
DOVE



**H56**  
PIETRA LAVICA  
LAVIC STONE



**S07**  
GRAFITE  
GRAPHITE



**RAL 7030 - R22**  
GRIGIO PIETRA  
STONE GREY



**S02**  
MANHATTAN



**RAL 7001 - R21**  
GRIGIO ARGENTO  
SILVER GREY



**R27**  
GRIGIO METALLIZZATO  
METAL GREY



**F41**  
AMBER GOLD



**F28**  
ARDESIA® SHINY TRANSPARENT

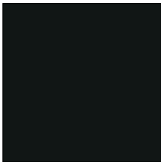

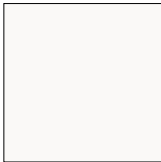
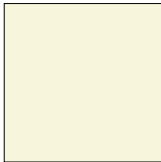
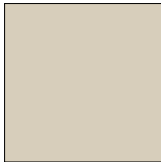
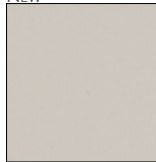

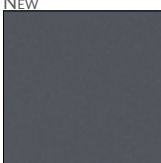
### ARDESIA® SHINY TRANSPARENT

On request exclusively on tubular radiator Ardesia® you can have the new transparent SHINY TRANSPARENT finish. A finish that will enhance the modern environments extolling the technical and constructive characteristics of tubular radiator Ardesia®..



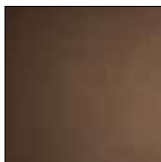

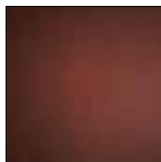
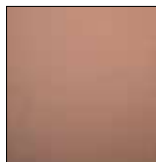


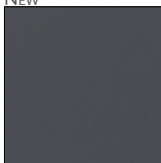

### SURCHARGE

CLASSIC	} +30%
MATT	
TEXTURE	
SPECIAL FINISHING	} +40%
ARDESIA®	
SHINY TRANSPARENT	

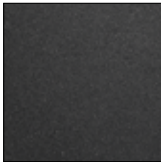





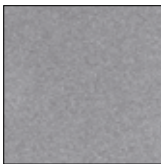
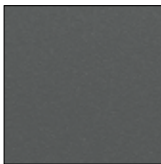
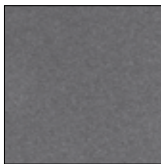



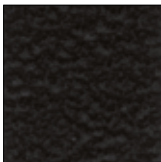
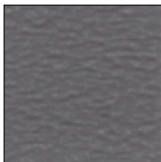


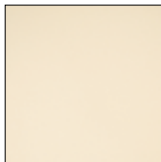


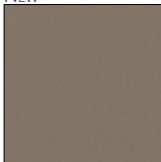

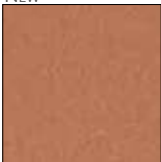
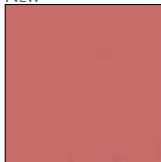
## MATT

					
<b>T01</b> NERO OPACO MATT BLACK	<b>T12</b> GRIGIO CHIARO OPACO MATT LIGHT GREY	<b>T11</b> MATT WHITE MATT WHITE	<b>T10</b> BEIGE OPACO MATT BEIGE	<b>T15</b> TELA OPACO TELA	<b>T20</b> WHITE GREY
					
<b>T17</b> ACAI MATT	<b>T19</b> BRITISH GREY				

## TEXTURE

					
<b>F20</b> MILKY	<b>F22</b> ORO CLASSICO CLASSIC GOLD	<b>F36</b> TERRA	<b>F31</b> CORTEN BROWN	<b>F34</b> RED SAND	<b>F38</b> SANDSTONE
					
<b>F33</b> EMERALD SAND	<b>F37</b> DENIM BLUE	<b>F43</b> GREY ANTRACITE	<b>T18</b> PLUM		

## SPECIAL FINISHING

					
<b>F24</b> BLACK STAR	<b>F06</b> NERO RUVIDO METALLIZZATO METAL ROUGH BLACK	<b>F15</b> NERO BRILLANTE METALLIZZATO METAL SPARKLING BLACK	<b>F04</b> GRIGIO GRAFITE GRAPHITE GREY	<b>F14</b> EFFETTO BRONZO ANTICO OLD BRONZE EFFECT	<b>F09</b> GRIGIO ALBA METALLIZZATO GRAPHITE LIGHT GREY
					
<b>F07</b> EFFETTO ARGENTO SILVER EFFECT	<b>F27</b> MOONSHINE	<b>F26</b> DARK ALUMINIUM	<b>M01</b> GOLD BLACK	<b>M04</b> BLACK SILVER 2	<b>M06</b> GOLD WHITE
					
<b>W02</b> CARBONE CARBON	<b>W03</b> DOLOMITE	<b>F23</b> SPARKLING GREY	<b>F25</b> QUARTZ DUST	<b>F30</b> WHITE SAND	<b>F32</b> GREY SKY
					
<b>F35</b> FOREST GREEN	<b>F39</b> BALMORAL GREY	<b>F44</b> CLAY	<b>F40</b> GOLDEN PEACH	<b>F42</b> LIGHT CORAL	

For a more accurate consultation of the colours, please refer to CORDIVARI COLOUR SYSTEM.



# GENERAL SALES CONDITIONS AND WARRANTY

Sales of Cordivari's products are made according to the conditions listed below. Exceptions should be accorded in written by Cordivari Srl.

## 1. SHIPMENT

Goods are transported at buyer's risk and peril, even if they are shipped free of carriage. Goods have to be checked at the delivery about unaltered packaging, missing or confused products in the presence of the forwarder. Any claim has to be immediately communicated to the forwarder by appointing the shipment's document and by registered mail within 8 days from receipt of the goods (otherwise Cordivari Srl is cleared of his responsibilities).

## 2. DELIVERY TERMS

Delivery terms are indicative. Failure to comply with the agreed delivery terms for any reasons will not entitle the buyer to any compensation, cancellation or modification of the order without our prior consent. In case of strikes, lack in raw materials, or any other Act of God, Cordivari Srl reserves the right to decide proper countermeasures; in this case Cordivari Srl should be considered exempted from any responsibility. Shall ordered goods not be collected within agreed date, the same will be invoiced and stored with risks and costs charged to the customer.

## 3. DRY WEIGHT, MEASURES, SURFACES

Dry Weights, measures, surfaces, shapes, sizes, images and other figures related to the products are merely indicative and Cordivari Srl may at any time modify them.

## 4. ORDER CANCELLATION OR MODIFICATION

All orders are valid only if accepted in written form by Cordivari Srl. No orders shall be cancelled even partially without the consent of Cordivari Srl. It will not be possible to modify the order when the production has already started. Any cost deriving from the modifications or cancellation will be charge to the buyer.

## 5. RADIATORS/ACCESSORIES WARRANTY ON CONSTRUCTION DEFECTS

For Ardesia® tubular radiators and Claudia towel rail (hot water version) Cordivari Srl offers 5 years warranty. For Ardesia® in the finishing F28 TRANSPARENT SHINY the warranty period is 2 years.

- For towel rails and single column living radiators Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE, only if radiators are installed in closed heating system.
- For towel rails and single column living radiators line in stainless steel Cordivari Srl offers 10 years warranty, only if radiators are installed in closed heating system.
- All electric radiators (stainless steel and mild steel) Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE.
- For accessories, customized products according to clients' requirements and other items not listed in present sales and warranty conditions, Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE, except for electrical and electronic components for which the warranty is 12 months.
- All the products in this catalogue are designed and made according to European Directives CE, EN, UNI, etc. Warranty and conformity of these products are valid only in countries that apply such regulations. For Extra UE countries, or for countries that do not follow these regulations, Cordivari Srl is not responsible for warranty and conformity.

WARRANTY WILL BE APPLICABLE AT THE FOLLOWING CONDITIONS:

- The warranty period starts with the date of the delivery of the material by Cordivari and this warranty is invalidated if the code of the radiator with the date is removed or modified.
- Warranty is only valid if Cordivari S.r.l. is notified by registered mail about the fault within 8 days since delivery.
- Warranty will take effect after having examined the defects and their causes in the Cordivari plant.
- The materials that have to be replaced or repaired must be shipped free of charge to the Cordivari plant.

Warranty will be applicable at the following conditions:

- materials must have been stored in good conditions and protected from the inclemency of the weather before installation;
- radiator did not have damages during transport, handling or installation;
- no alterations or reparations must be done without the prior consent of the

seller;

- the buyer must have paid all the bills within the pre-established deadlines;
  - if for cleaning none of those aggressive, corrosive, substances not suitable for radiators material have been used;
  - the installation must have been done by professionals and in conformity with all instructions an standards written on the technical data sheets provided by Cordivari S.r.l.;
  - no periodical emptying or charging of the system must have taken place;
  - no aggressive chemical substances must have been added to the water of the system
  - the working pressure and temperature shown in the catalogue must correspond to the current usage pressure and temperature;
  - the caps and Accessories used must be original Cordivari materials;
  - radiator has not been connected to a system with open expansion tank;
  - the radiators must not have been connected to the sanitary water system;
- The warranty doesn't cover construction or dismantling costs to move the product from/to the installation place.

In case of using antifreeze, it should never be used pure, but it has to be diluted before including in the heating system.

When you use anti-corrosion, it has to be compatible with all the material composing the heating elements of the radiator.

In case of preinstalled Cordivari's caps, each alteration of those caps will void the warranty of the product. Cordivari will not assume responsibilities for radiator assembled by other people and/even for caps which are not by Cordivari. Cordivari's warranty immediately cease in case of reparations or modifications on products without the previous agreement of Cordivari.

Heating system should be without any remaining of metals, calamine, grease, and without presence of gas.

Before starting the heating system, rinse residuas from the installation/working.

Warranty will not be valid in case of damages caused by electrical system.

The purchaser may not claim any other cost of direct or indirect damage to person or properties resulting from above confirmed defects.

## 6. PAYMENTS

All invoices have to be paid according to the agreed deadline. Any delay, even partial may suspend the planned deliveries. Overdue interest could be charged at current rates.

## 7. GOODS' PROPERTY

Cordivari Srl remains owner of the delivered goods until they are not completely paid. In case of failure to proceed to the payment, Cordivari Srl could ask for immediate restitution of goods and keep the paid partial amount as indemnity. Cordivari Srl can reserve the right to evaluate bigger damages caused by the outstanding amount.

## 8. PRICES

Prices are not binding and can be modified without communication and can be modified on basis of the modifications which could appear before and during delivery. Prices are intended on FCA-MORRO D'ORO (Incoterm 2010 basis), except in case of written agreements. For some voluminous delivery Cordivari may charge some extra-costs. All prices indicated are V.A.T. excluded.

## 9. ORDERS/DELIVERY

The Order value is minimum Euro 2.000,00. Given orders are binding to the buyer, who acknowledges of all our sales conditions.

Delivery is considered to customer main place/warehouse; for any different destination please get in touch with our sales dept.

## 10. COURT AUTHORITY

For the following Catalogue and conditions only the provisions of Italian law will be used. For controversy, the Court of Teramo (Italy) shall have exclusive competence. Essential and trial law shall be exclusively Italian.

## 11. ORIGINAL VERSION

Being a translation, the Italian language is the only valid language for interpretation and conditions of this catalogue version.

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# CONDIZIONI DI VENDITA E GARANZIA

La vendita dei prodotti viene effettuata conformemente alle sotto elencate Condizioni Generali di Vendita e Garanzia. Ogni deroga è subordinata all'accettazione scritta da parte della Cordivari Srl.

## 1. SPEDIZIONE

La merce viaggia a rischio e pericolo del Committente, anche se viene spedita franco destino. La merce deve essere verificata all'atto della consegna, controllando l'integrità dell'imballo, articoli mancanti o sostituzioni in presenza del trasportatore. Ogni contestazione dovrà essere segnalata immediatamente al trasportatore/corriere firmando con riserva il DDT e confermando tale riserva a mezzo lettera raccomandata o posta certificata entro otto giorni dal ricevimento merce. (In caso di mancata osservanza di questa clausola la Cordivari Srl e l'impresa di trasporto sono svincolati da qualsiasi responsabilità).

## 2. TERMINI DI CONSEGNA

I termini di consegna si intendono puramente indicativi e comunque se il termine di consegna non potesse essere rispettato per qualsiasi motivo, il Committente non avrà diritto a esigere alcun indennizzo, pagamento di penali, annullamento o modifica all'ordine conferitoci. In caso di eventi straordinari quali calamità naturali, scioperi, mancanza di materie prime, e cause di forza maggiore, la Cordivari Srl si riserva la scelta delle misure da adottare. Se la merce ordinata non viene ritirata nel periodo concordato, questa verrà fatturata e immagazzinata con costi, rischio e pericolo a carico del Committente.

## 3. PESI, MISURE, SUPERFICI

Pesi, misure, superfici, forme, dimensioni, immagini e altri dati sono indicativi e non impegnativi e possono subire delle modifiche o variazioni che la Cordivari Srl si riserva di apportare ai suoi prodotti senza preavviso.

## 4. ANNULLAMENTO O MODIFICA ORDINE

Senza il consenso scritto della Cordivari Srl, le ordinazioni conferite non possono essere né parzialmente né totalmente annullate o modificate. Non si accordano variazioni o modifiche quando sia già stata intrapresa la lavorazione. Eventuali spese derivanti dall'annullamento o modifica dell'ordine saranno fatturate al Committente.

## 5. GARANZIA RADIATORI E ACCESSORI

- Per i radiatori tubolari della linea "Ardesia" (nella versione acqua calda) e per il modello Claudia (nella versione acqua calda), la Cordivari Srl stabilisce la garanzia per un periodo di 5 anni. Per i radiatori tubolari della linea "Ardesia" con finitura F28 Shiny Transparent la garanzia è di anni 2.
- Per i radiatori Scaldasalviette e "I monocolonna arredo living" la Cordivari Srl stabilisce la garanzia nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE.
- Per i radiatori Scaldasalviette e "I monocolonna arredo living" in acciaio inox la Cordivari Srl stabilisce la garanzia per un periodo di 10 anni.
- Per i radiatori Scaldasalviette a funzionamento elettrico, la Cordivari Srl stabilisce la garanzia nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE.
- Per tutti gli accessori, i prodotti speciali realizzati su specifica del Committente e tutti gli articoli residuali non contemplati nelle condizioni di vendita la Cordivari Srl garantisce nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE, ad eccezione di componenti elettrici ed elettronici, dove la garanzia è di 12 mesi.
- I prodotti di questo catalogo sono realizzati e progettati in conformità alla direttive europee di riferimento CE, EN, UNI, ecc. La garanzia e la conformità di detti prodotti hanno valenza esclusivamente in quei paesi dove tali norme sono riconosciute e recepite. In paesi extra europei o comunque che non recepiscono tali norme, la Cordivari Srl non assume responsabilità per garanzie e conformità.

### LA GARANZIA E' SOTTOPOSTA ALLE SEGUENTI CONDIZIONI:

- La garanzia decorre dalla data di consegna da parte della Cordivari Srl e decade se viene manomessa e/o rimossa l'indicazione del lotto di produzione. I prodotti diventati inutilizzabili per accertati difetti di costruzione saranno riparati o sostituiti gratuitamente franco Vostra destinazione.
- La condizione essenziale affinché la garanzia sia valida è che i difetti riscontrati siano notificati entro 8 (otto) giorni dal ricevimento della merce, per iscritto tramite raccomandata o posta certificata.
- La garanzia sarà operante previo esame dei difetti e delle loro cause presso la sede della Cordivari Srl.
- Il materiale da sostituire o riparare dovrà essere consegnato franco magazzino presso la Cordivari Srl.
- Il materiale sia stato immagazzinato in buone condizioni e al riparo dalle intemperie prima di essere installato;
- Il radiatore non abbia subito danneggiamenti durante il trasporto, le movimentazioni o l'installazione;
- Non siano state effettuate manomissioni o riparazioni dei prodotti senza l'autorizzazione della Cordivari Srl;
- Il Committente abbia effettuato il saldo dei pagamenti nei termini prestabiliti;
- L'installazione sia stata realizzata da personale qualificato e in conformità alle istruzioni e alle norme indicate sulla documentazione tecnica fornita dalla Cordivari Srl e alle norme e prescrizioni impiantistiche generali e locali;
- Per la pulizia del radiatore non siano stati utilizzati detergenti aggressivi,

- abrasivi incompatibili con il materiale del corpo scaldante;
  - Non siano stati effettuati svuotamenti o caricamenti periodici dell'impianto, i prodotti non siano stati collegati ad impianti a circuito aperto o impianti idrico sanitari o che comprendono componenti con impermeabilità inadeguata all'ossigeno.
  - Non siano state effettuate aggiunte di sostanze chimiche aggressive all'acqua dell'impianto, valori guida secondo la normativa UNI 8065;
  - La pressione e la temperatura di esercizio indicate sul catalogo corrispondano alla pressione e alla temperatura di utilizzazione corrente;
  - Il circuito sia esente da residui di metallo, calamina, grasso e non ci sia presenza di gas
  - Prima della messa in funzione dell'impianto, eseguire un lavaggio per eliminare residui di lavorazione meccanica e/o residui in fase d'installazione.
  - I tappi e gli accessori utilizzati siano quelli regolarmente forniti dalla Cordivari Srl.
  - Nel caso in cui si utilizzi l'antigelo, esso non dovrà mai essere utilizzato puro, ma diluito prima di essere introdotto nel circuito.
  - Nel caso in cui si utilizzi un inibitore di corrosione, esso dovrà essere compatibile con tutti i materiali presenti nei corpi scaldanti. In caso di prodotto con tappi premontati dalla Cordivari Srl, qualsiasi manomissione degli stessi, porterà fuori garanzia il prodotto. La Cordivari Srl non si assumerà comunque responsabilità su batterie assemblate da terzi, e/o con tappi e riduzioni assemblati da terzi.
  - Qualora il Committente esegua modifiche o variazioni di sua iniziativa sui materiali in contestazione senza il nostro preventivo benestare, decade immediatamente ogni responsabilità della Cordivari Srl.
  - La garanzia inoltre non opera in caso di anomalie o guasti dipendenti dalla rete di alimentazione elettrica.
  - La garanzia non copre costi dovuti a demolizioni, lavori per il passaggio dei prodotti sia in ingresso che in uscita e la manodopera per eventuali sostituzioni di prodotto.
- Cordivari Srl si impegna durante il periodo di garanzia alla sostituzione del prodotto reso riconosciuto difettoso per accertati difetti di produzione, oltre a ciò il Committente non potrà vantare alcun altro risarcimento per spese di danno, diretti o indiretti di qualsiasi natura a persone e/o a cose derivanti da detti difetti.

## 6. PAGAMENTI

I pagamenti delle fatture relative alle forniture dovranno essere effettuati entro i termini di scadenza stabiliti. Il ritardo nel pagamento delle fatture, anche se parziale, dà luogo alla decorrenza degli interessi di mora nella misura del tasso corrente, oltre alla sospensione immediata delle spedizioni in corso e del processamento di eventuali ordini.

## 7. RISERVA DI PROPRIETÀ

I prodotti restano di proprietà della Cordivari Srl fino al pagamento dell'ultima rata di prezzo di merce consegnata. In caso di inadempimento anche parziale del compratore la Cordivari Srl potrà chiedere l'immediata restituzione della merce trattendo comunque le rate pagate a titolo di indennità salvo il maggior danno.

## 8. PREZZI

I prezzi non sono impegnativi e possono essere modificati senza preavviso. I prezzi sono sempre riportati nel listino al netto di IVA. I prezzi sono revisionabili in funzione delle variazioni che dovessero intervenire fino al momento della consegna. I prezzi si intendono resa franco stabilimento di Morro D'Oro (TE), salvo diversi accordi. Per modelli ingombranti la Cordivari Srl si riserva di chiedere una partecipazione alle spese di imballaggio e/o trasporto.

## 9. ORDINI/CONSEGNA

Il valore minimo per ordine è di Euro 2.000,00. Gli ordini impartiti impegnano definitivamente il Committente che deve dichiarare di conoscere e accettare tutte le condizioni di vendita. Nel caso in cui il Committente rediga l'ordine per nome e per conto di altri, con la firma dell'ordine si impegna in solido all'adempimento di quanto da egli convenuto. La consegna si intende esclusivamente presso la sede/magazzino del Committente. Richieste particolari del Committente come: consegne espresso, consegna diversa dalla sede/magazzino, etc. avranno costi addizionali che verranno comunicati di volta in volta dal nostro ufficio commerciale.



## 10. FORO COMPETENTE



Per qualsiasi controversia derivante dal presente contratto o collegata allo stesso è competente il Foro di Teramo.

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