



ROSY TANDEM VERTICAL



Radiators, connectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel \varnothing 38 mm.
- Double vertical heating elements in painted mild steel 50 x 10 mm.

FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, 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:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours see Colour chart chapter.

ACCESSORIES

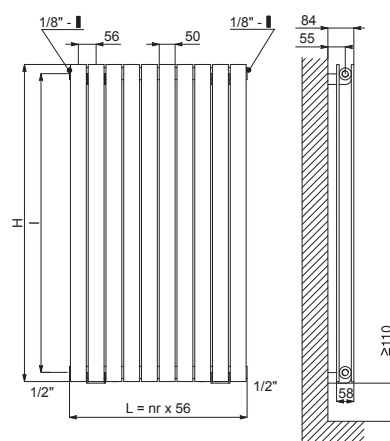
See Accessories chapter

| | | | |
|---------------|------------------------|----------------|--|
| P. Max: 5 bar | Functioning: hot water | T. Max: 110° C | Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent |
|---------------|------------------------|----------------|--|

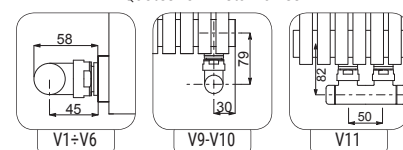
| Height H [mm] | 500 | 558 | 600 | 658 | 700 | 800 | 858 | 958 | 1000 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt] | 50,5 | 60,3 | 64,2 | 69,5 | 70,7 | 82,3 | 57,9 | 96,1 | 99,7 |
| Dry Weight per 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 | 0,546 | 0,588 | 0,619 | 0,690 | 0,732 | 0,805 | 0,835 |
| Element surface [m ²] | 0,133 | 0,147 | 0,157 | 0,171 | 0,181 | 0,205 | 0,219 | 0,243 | 0,253 |
| Exp. n | 1,3443 | 1,3425 | 1,3423 | 1,3422 | 1,3444 | 1,3417 | 1,3415 | 1,3413 | 1,3411 |
| Pipe Centres I [mm] (V3-V4 only) | 442 | 500 | 542 | 600 | 642 | 742 | 800 | 900 | 942 |

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

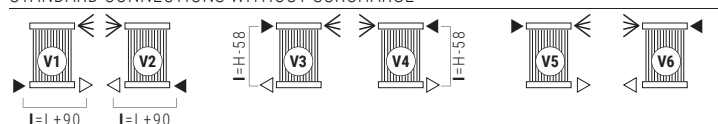
| Height H [mm] | 1200 | 1400 | 1600 | 1800 | 1900 | 2000 | 2200 | 2300 | 2500 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt] | 117,0 | 133,0 | 149,0 | 165,0 | 173,9 | 180,0 | 194,4 | 203,0 | 218,0 |
| Dry Weight per section [kg] | 2,729 | 3,163 | 3,598 | 4,032 | 4,249 | 4,467 | 4,901 | 5,118 | 5,553 |
| Element Water content [lt] | 0,980 | 1,124 | 1,269 | 1,414 | 1,486 | 1,559 | 1,703 | 1,776 | 1,920 |
| Element surface [m ²] | 0,301 | 0,349 | 0,397 | 0,445 | 0,469 | 0,493 | 0,541 | 0,565 | 0,613 |
| Exp. n | 1,3405 | 1,3390 | 1,3393 | 1,3387 | 1,3380 | 1,3381 | 1,3370 | 1,3372 | 1,3366 |
| Pipe Centres I [mm] (V3-V4 only) | 1142 | 1342 | 1542 | 1742 | 1842 | 1942 | 2142 | 2242 | 2442 |



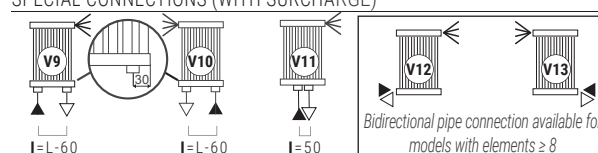
Quotes for Kristal valves



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (WITH SURCHARGE)



Legenda=



Always specify the kind of connection needed when ordering.

HOW TO ORDER THE RADIATOR ROSY TANDEM VERTICAL

| ARTICLE NR. STRUCTURE | Radiator model | Elements nr. | Height in cm | Article code of the connection | Article code of the colour | Constant value |
|-----------------------|--|--------------------------------------|----------------------------------|--|--|----------------|
| AAAA | BB | CCC | DDD | EEE | A | |
| EXAMPLE | Radiator model Eg.: Rosy tandem vert. | Numero elements E.g.: 12 elements | Height in cm Example: 1500 mm | Article code of the connection Example: connection V1 | Article 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

A (Constant value)

The article code will be:

RT50 12 150 V01 R01 A

ACCESSORIES

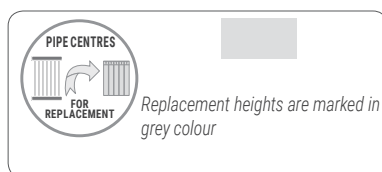
If ordered separately from the radiator, the accessories are available in standard white only.

| | | |
|--|--|--|
| <p>Kristal valve square With thermostatic option White R01 - ral 9010</p> <p>Copper conn. \varnothing 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. \varnothing 16 Art. nr. 5991990311160</p> | <p>Kristal valve square pipe centres 50 mm with thermostatic option-White R01</p> <p>Copper conn. \varnothing 12/14/15 Art. nr. 5991990311186</p> <p>Multilayer conn. \varnothing 16 Art. nr. 5991990311185</p> | <p>White thermostatic head</p> <p>(Kit 2 pieces) Art. nr. 5035270710016</p> |
|--|--|--|

ROSY TANDEM VERTICAL

All intermediate sizes are available for widths from 4 to 18 elements and heights from 500 to 2500 mm

| Height H [mm] | | 500 | 558 | 600 | 658 | 700 | 800 | 858 | 958 | 1000 |
|-----------------|-----------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 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 | 202 | 241 | 257 | 278 | 283 | 329 | 352 | 384 | 399 |
| 280 | 5 | 252 | 301 | 321 | 348 | 353 | 412 | 440 | 480 | 499 |
| 336 | 6 | 303 | 362 | 385 | 417 | 424 | 494 | 527 | 577 | 598 |
| 392 | 7 | 353 | 422 | 449 | 487 | 495 | 576 | 615 | 673 | 698 |
| 448 | 8 | 404 | 482 | 514 | 556 | 565 | 658 | 703 | 769 | 798 |
| 504 | 9 | 454 | 543 | 578 | 626 | 636 | 741 | 791 | 865 | 897 |
| 560 | 10 | 505 | 603 | 642 | 695 | 707 | 823 | 879 | 961 | 997 |
| 616 | 11 | 555 | 663 | 706 | 765 | 777 | 905 | 967 | 1057 | 1097 |
| 672 | 12 | 606 | 724 | 770 | 834 | 848 | 988 | 1055 | 1153 | 1196 |
| 728 | 13 | 656 | 784 | 835 | 904 | 919 | 1070 | 1143 | 1249 | 1296 |
| 784 | 14 | 707 | 844 | 899 | 973 | 989 | 1152 | 1231 | 1345 | 1396 |
| 840 | 15 | 757 | 904 | 963 | 1043 | 1060 | 1235 | 1319 | 1441 | 1496 |
| 896 | 16 | 807 | 965 | 1027 | 1112 | 1131 | 1317 | 1406 | 1537 | 1595 |
| 952 | 17 | 858 | 1025 | 1091 | 1182 | 1201 | 1399 | 1494 | 1633 | 1695 |
| 1008 | 18 | 908 | 1085 | 1156 | 1251 | 1272 | 1481 | 1582 | 1730 | 1795 |



Replacement heights are marked in grey colour

| 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 | 696 | 720 | 778 | 812 | 872 |
| 280 | 5 | 585 | 665 | 745 | 825 | 870 | 900 | 972 | 1015 | 1090 |
| 336 | 6 | 702 | 798 | 894 | 990 | 1043 | 1080 | 1166 | 1218 | 1308 |
| 392 | 7 | 819 | 931 | 1043 | 1155 | 1217 | 1260 | 1361 | 1421 | 1526 |
| 448 | 8 | 936 | 1064 | 1192 | 1320 | 1391 | 1440 | 1555 | 1624 | 1744 |
| 504 | 9 | 1053 | 1197 | 1341 | 1485 | 1565 | 1620 | 1750 | 1827 | 1962 |
| 560 | 10 | 1170 | 1330 | 1490 | 1650 | 1739 | 1800 | 1944 | 2030 | 2180 |
| 616 | 11 | 1287 | 1463 | 1639 | 1815 | 1913 | 1980 | 2138 | 2233 | 2398 |
| 672 | 12 | 1404 | 1596 | 1788 | 1980 | 2087 | 2160 | 2333 | 2436 | 2616 |
| 728 | 13 | 1521 | 1729 | 1937 | 2145 | 2261 | 2340 | 2527 | 2639 | 2834 |
| 784 | 14 | 1638 | 1862 | 2086 | 2310 | 2435 | 2520 | 2722 | 2842 | 3052 |
| 840 | 15 | 1755 | 1995 | 2235 | 2475 | 2609 | 2700 | 2916 | 3045 | 3270 |
| 896 | 16 | 1872 | 2128 | 2384 | 2640 | 2782 | 2880 | 3110 | 3248 | 3488 |
| 952 | 17 | 1989 | 2261 | 2533 | 2805 | 2956 | 3060 | 3305 | 3451 | 3706 |
| 1008 | 18 | 2106 | 2394 | 2682 | 2970 | 3130 | 3240 | 3499 | 3654 | 3924 |

ARDESIA®

TOWEL RAILS

ELECTRIC RADIATORS
AND FAN HEATER

INOX RANGE

LIVING
DESIGN RADIATORS

VENTILATED
RADIATORS

MODELS FOR
REPLACEMENT

MY WAY®
SYSTEM

ACCESSORIES
AND TECHNICAL
SUPPORT