

ROSY TANDEM VERTICAL



Colour: Bright Lilac H53



P. max: 5 bar	
T. max: 95° C	Available for central heating system
Connections: N° 2 x 1/2" gas - n° 1 x 1/8" gas for Airvent	

Material:

- Horizontal collectors in painted mild steel with ϕ of 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 walls, user notice.

Packing:

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

Painting process

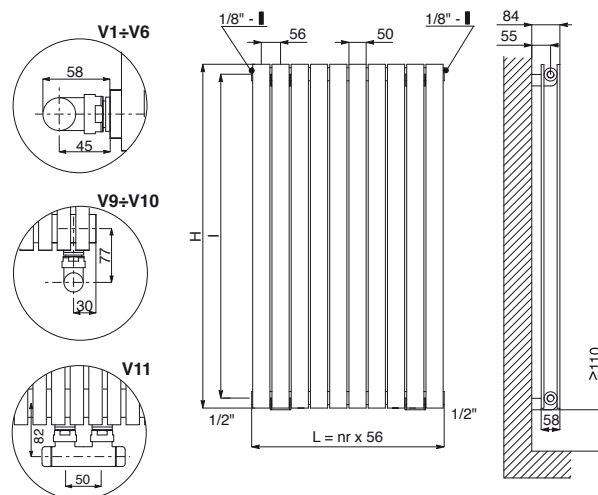
Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2)

Colours:

Standard white RAL 9010. Other colours surcharge 30%. Colour chart: see page 212.

Accessories:

See page 186



ACCESSORIES

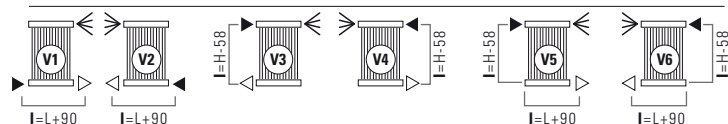
	KRISTAL VALVE SQUARE THERMOSTATIC FUNCTION WHITE R01-RAL 9010 (thermostatic head to be ordered separately)		KRISTAL VALVE SQUARE LEFT PIPE CENTRES 50 MM R01-RAL 9010
COPPER connection	5991990311012	COPPER connection	5991990311121
MULTILAYER connection	5991990311011	MULTILAYER connection	5991990311120

Measures for valves type Kristal Cordivari

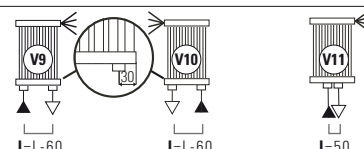
The code nr refers to standard colour white R01 RAL 9010; colours different from standard are supplied exclusively with the matching coloured radiator. Colour surcharge indicated in colour chart at page 212.

LEGEND	
	◀ Airvent
	▶ H Height
	□ Sleeve base=20 - Height=15
	▬ Blind
	▭ Pipe Centres L Width

STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering (from V1 to V11). Except bidirectional pipe connection.



Prices indicated in below chart refer to standard white colour R01-RAL9010.

HEIGHT H [mm]	600	800	1000	1200	1400	1600	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	64,2	82,3	99,7	117,0	133,0	149,0	165,0	173,9	180,0	194,4	203,0	218,0
Dry Weight per element [kg]	1,764	2,301	2,838	3,376	3,913	4,690	4,988	5,257	5,526	6,063	6,332	6,869
Element Water Content [lt]	0,500	0,630	0,770	0,900	1,030	1,160	1,290	1,358	1,420	1,555	1,620	1,750
Exp. n	1,3423	1,3417	1,3411	1,3405	1,3390	1,3393	1,3387	1,3380	1,3381	1,3370	1,3372	1,3366
Pipe Centres (DBC) [mm] (V3-V4 only)	542	742	942	1142	1342	1542	1742	1842	1942	2142	2242	2442

Width L [mm]	N° El. (*)	WATT THERMAL OUTPUT $\Delta T=50^\circ\text{C}$ 75/65/20°C ($\Delta t=50^\circ\text{C}$)												
		W	W	W	W	W	W	W	W	W	W	W		
224	4	W	257	329	399	468	532	596	660	696	720	778	812	872
		$\Phi =$	1.3491 * Δt ^{1.3423}	1.7296 * Δt ^{1.3417}	2.1002 * Δt ^{1.3411}	2.4705 * Δt ^{1.3405}	2.8248 * Δt ^{1.3390}	3.1609 * Δt ^{1.3393}	3.5086 * Δt ^{1.3387}	3.7080 * Δt ^{1.3380}	3.8365 * Δt ^{1.3381}	4.1613 * Δt ^{1.3370}	4.3420 * Δt ^{1.3372}	4.6738 * Δt ^{1.3366}
280	5	W	321	412	499	585	665	745	825	870	900	972	1015	1090
		$\Phi =$	1.6826 * Δt ^{1.3423}	2.1620 * Δt ^{1.3417}	2.6253 * Δt ^{1.3411}	3.0881 * Δt ^{1.3405}	3.5310 * Δt ^{1.3390}	3.9512 * Δt ^{1.3393}	4.3857 * Δt ^{1.3387}	4.6350 * Δt ^{1.3380}	4.7957 * Δt ^{1.3381}	5.2017 * Δt ^{1.3370}	5.4275 * Δt ^{1.3372}	5.8423 * Δt ^{1.3366}
336	6	W	385	494	598	702	798	894	990	1043	1080	1166	1218	1308
		$\Phi =$	2.0191 * Δt ^{1.3423}	2.5944 * Δt ^{1.3417}	3.1503 * Δt ^{1.3411}	3.7057 * Δt ^{1.3405}	4.2372 * Δt ^{1.3390}	4.7414 * Δt ^{1.3393}	5.2629 * Δt ^{1.3387}	5.5620 * Δt ^{1.3380}	5.7549 * Δt ^{1.3381}	6.2420 * Δt ^{1.3370}	6.5131 * Δt ^{1.3372}	7.0107 * Δt ^{1.3366}
392	7	W	449	576	698	819	931	1043	1155	1217	1260	1361	1421	1526
		$\Phi =$	2.3556 * Δt ^{1.3423}	3.0268 * Δt ^{1.3417}	3.6754 * Δt ^{1.3411}	4.3233 * Δt ^{1.3405}	4.9434 * Δt ^{1.3390}	5.5316 * Δt ^{1.3393}	6.1400 * Δt ^{1.3387}	6.4890 * Δt ^{1.3380}	6.7140 * Δt ^{1.3381}	7.2823 * Δt ^{1.3370}	7.5986 * Δt ^{1.3372}	8.1792 * Δt ^{1.3366}
448	8	W	514	658	798	936	1064	1192	1320	1391	1440	1555	1624	1744
		$\Phi =$	2.6921 * Δt ^{1.3423}	3.4592 * Δt ^{1.3417}	4.2005 * Δt ^{1.3411}	4.9409 * Δt ^{1.3405}	5.6496 * Δt ^{1.3390}	6.3219 * Δt ^{1.3393}	7.0172 * Δt ^{1.3387}	7.4160 * Δt ^{1.3380}	7.6731 * Δt ^{1.3381}	8.3227 * Δt ^{1.3370}	8.6841 * Δt ^{1.3372}	9.3477 * Δt ^{1.3366}
504	9	W	578	741	897	1053	1197	1341	1485	1565	1620	1750	1827	1962
		$\Phi =$	3.0287 * Δt ^{1.3423}	3.8917 * Δt ^{1.3417}	4.7255 * Δt ^{1.3411}	5.5585 * Δt ^{1.3405}	6.3558 * Δt ^{1.3390}	7.1121 * Δt ^{1.3393}	7.8943 * Δt ^{1.3387}	8.3430 * Δt ^{1.3380}	8.6322 * Δt ^{1.3381}	9.3630 * Δt ^{1.3370}	9.7696 * Δt ^{1.3372}	10.5161 * Δt ^{1.3366}
560	10	W	642	823	997	1170	1330	1490	1650	1739	1800	1944	2030	2180
		$\Phi =$	3.3652 * Δt ^{1.3423}	4.3241 * Δt ^{1.3417}	5.2506 * Δt ^{1.3411}	6.1761 * Δt ^{1.3405}	7.0621 * Δt ^{1.3390}	7.9023 * Δt ^{1.3393}	8.7715 * Δt ^{1.3387}	9.2700 * Δt ^{1.3380}	9.5914 * Δt ^{1.3381}	10.4034 * Δt ^{1.3370}	10.8551 * Δt ^{1.3372}	11.6846 * Δt ^{1.3366}
616	11	W	706	905	1097	1287	1463	1639	1815	1913	1980	2138	2233	2398
		$\Phi =$	3.7017 * Δt ^{1.3423}	4.7565 * Δt ^{1.3417}	5.7756 * Δt ^{1.3411}	6.7937 * Δt ^{1.3405}	7.7683 * Δt ^{1.3390}	8.6926 * Δt ^{1.3393}	9.6486 * Δt ^{1.3387}	10.1970 * Δt ^{1.3380}	10.5505 * Δt ^{1.3381}	11.4437 * Δt ^{1.3370}	11.9406 * Δt ^{1.3372}	12.8530 * Δt ^{1.3366}
672	12	W	770	988	1196	1404	1596	1788	1980	2087	2160	2333	2436	2616
		$\Phi =$	4.0382 * Δt ^{1.3423}	5.1889 * Δt ^{1.3417}	6.3007 * Δt ^{1.3411}	7.4114 * Δt ^{1.3405}	8.4745 * Δt ^{1.3390}	9.4828 * Δt ^{1.3393}	10.5258 * Δt ^{1.3387}	11.1239 * Δt ^{1.3380}	11.5096 * Δt ^{1.3381}	12.4840 * Δt ^{1.3370}	13.0261 * Δt ^{1.3372}	14.0215 * Δt ^{1.3366}
728	13	W	835	1070	1296	1521	1729	1937	2145	2261	2340	2527	2639	2834
		$\Phi =$	4.3747 * Δt ^{1.3423}	5.6213 * Δt ^{1.3417}	6.8257 * Δt ^{1.3411}	8.0290 * Δt ^{1.3405}	9.1807 * Δt ^{1.3390}	10.2730 * Δt ^{1.3393}	11.4029 * Δt ^{1.3387}	12.0509 * Δt ^{1.3380}	12.4688 * Δt ^{1.3381}	13.5244 * Δt ^{1.3370}	14.1116 * Δt ^{1.3372}	15.1900 * Δt ^{1.3366}
784	14	W	899	1152	1396	1638	1862	2086	2310	2435	2520	2722	2842	3052
		$\Phi =$	4.7112 * Δt ^{1.3423}	6.0537 * Δt ^{1.3417}	7.3508 * Δt ^{1.3411}	8.6466 * Δt ^{1.3405}	9.8869 * Δt ^{1.3390}	11.0633 * Δt ^{1.3393}	12.2801 * Δt ^{1.3387}	12.9779 * Δt ^{1.3380}	13.4279 * Δt ^{1.3381}	14.5647 * Δt ^{1.3370}	15.1971 * Δt ^{1.3372}	16.3584 * Δt ^{1.3366}
840	15	W	963	1235	1496	1755	1995	2235	2475	2609	2700	2916	3045	3270
		$\Phi =$	5.0478 * Δt ^{1.3423}	6.4861 * Δt ^{1.3417}	7.8759 * Δt ^{1.3411}	9.2642 * Δt ^{1.3405}	10.5931 * Δt ^{1.3390}	11.8535 * Δt ^{1.3393}	13.1572 * Δt ^{1.3387}	13.9049 * Δt ^{1.3380}	14.3871 * Δt ^{1.3381}	15.6050 * Δt ^{1.3370}	16.2826 * Δt ^{1.3372}	17.5269 * Δt ^{1.3366}
896	16	W	1027	1317	1595	1872	2128	2384	2640	2782	2880	3110	3248	3488
		$\Phi =$	5.3843 * Δt ^{1.3423}	6.9185 * Δt ^{1.3417}	8.4009 * Δt ^{1.3411}	9.8818 * Δt ^{1.3405}	11.2993 * Δt ^{1.3390}	12.6437 * Δt ^{1.3393}	14.0344 * Δt ^{1.3387}	14.8319 * Δt ^{1.3380}	15.3462 * Δt ^{1.3381}	16.6454 * Δt ^{1.3370}	17.3681 * Δt ^{1.3372}	18.6953 * Δt ^{1.3366}
952	17	W	1091	1399	1695	1989	2261	2533	2805	2956	3060	3305	3451	3706
		$\Phi =$	5.7208 * Δt ^{1.3423}	7.3509 * Δt ^{1.3417}	8.9260 * Δt ^{1.3411}	10.4994 * Δt ^{1.3405}	12.0055 * Δt ^{1.3390}	13.4340 * Δt ^{1.3393}	14.9115 * Δt ^{1.3387}	15.7589 * Δt ^{1.3380}	16.3053 * Δt ^{1.3381}	17.6857 * Δt ^{1.3370}	18.4536 * Δt ^{1.3372}	19.8638 * Δt ^{1.3366}
1008	18	W	1156	1481	1795	2106	2394	2682	2970	3130	3240	3499	3654	3924
		$\Phi =$	6.0573 * Δt ^{1.3423}	7.7833 * Δt ^{1.3417}	9.4510 * Δt ^{1.3411}	11.1170 * Δt ^{1.3405}	12.7117 * Δt ^{1.3390}	14.2242 * Δt ^{1.3393}	15.7887 * Δt ^{1.3387}	16.6859 * Δt ^{1.3380}	17.2645 * Δt ^{1.3381}	18.7260 * Δt ^{1.3370}	19.5392 * Δt ^{1.3372}	21.0322 * Δt ^{1.3366}

(*) W= Watt thermal output - For output at different Δt than 50°C , see page 202.

Other heights available on request from 400 mm to 2500 mm.

SINGLE-COLUMN