



TAMARA HORIZONTAL



**EUROPEAN
WARRANTY**

NEW

MATERIAL:

- Vertical collectors in painted mild steel ϕ 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.

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 ²]	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

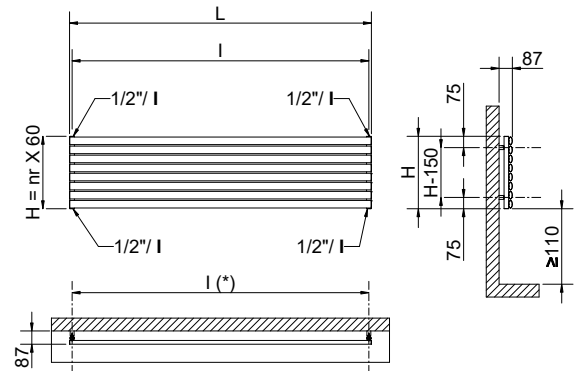
For output at different Δt , please refer to the following formula: desired output = output at Δt 50 x (desired $\Delta t/50$)ⁿ

P. Max: 5 bar

T. Max: 110° C

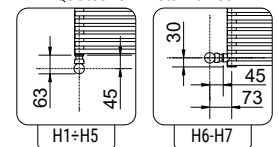
Functioning: hot water

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

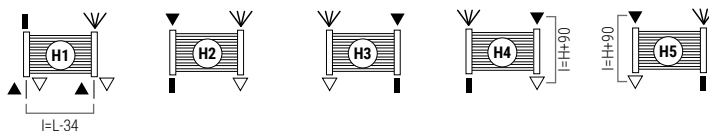


(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

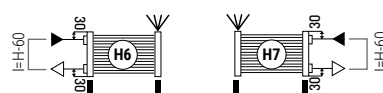


STANDARD CONNECTIONS WITHOUT SURCHARGE



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	
EXAMPLE	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

120 width 1200 mm

H02 connection H2

S16 colour S16 - Canary

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

Kristal valve square with thermostatic option white R01 Copper conn. ϕ 12/14/15 Art. nr. 5991990311161 Multilayer conn. ϕ 16 Art. nr. 5991990311160	Kristal valve corner right with thermostatic option white R01 Copper conn. ϕ 12/14/15 Art. nr. 5991990311176 Multilayer conn. ϕ 16 Art. nr. 5991990311175	Thermostatic head white (Kit 2 pieces) Art. nr. 5035270710016
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Art. nr. are referred to colour WHITE R01

TAMARA HORIZONTAL

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



TAMARA TANDEM HORIZONTAL



**EUROPEAN
WARRANTY**

NEW

MATERIAL:

- Vertical collectors in painted mild steel ϕ 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.

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 ²]	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

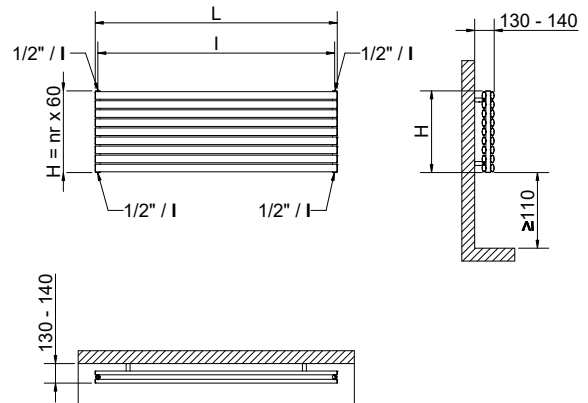
For output at different ΔT , please refer to the following formula: desired output = output at $\Delta T 50 \times (\text{desired } \Delta t / 50)^n$

P. Max: 5 bar

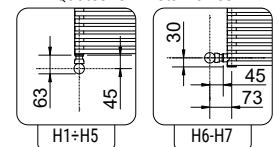
Functioning: hot water

T. Max: 110°C

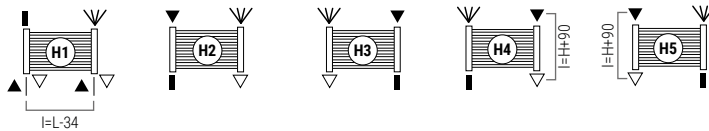
Connections: n° 2 x 1/2" G - n° 1 x 1/2" G



Quotes for Kristal valves

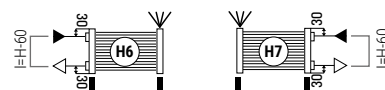


STANDARD CONNECTIONS WITHOUT SURCHARGE



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	

EXAMPLE	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

120 width 1200 mm

H04 connection H4

S16 colour S16 - Canary

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. ϕ 12/14/15 Art. nr. 5991990311161 Multilayer conn. ϕ 16 Art. nr. 5991990311160	Kristal valve corner right with thermostatic option white R01 Copper conn. ϕ 12/14/15 Art. nr. 5991990311176 Multilayer conn. ϕ 16 Art. nr. 5991990311175	Thermostatic head white (Kit 2 pieces) Art. nr. 5035270710016
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Art. nr. are referred to colour WHITE R01

TAMARA TANDEM HORIZONTAL

Width L [mm]		600	634	800	1000	1200	1400	1600	1800	1900	2000
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=50°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