



# DORIANA<sub>HORIZONTAL</sub>



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 walls,

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

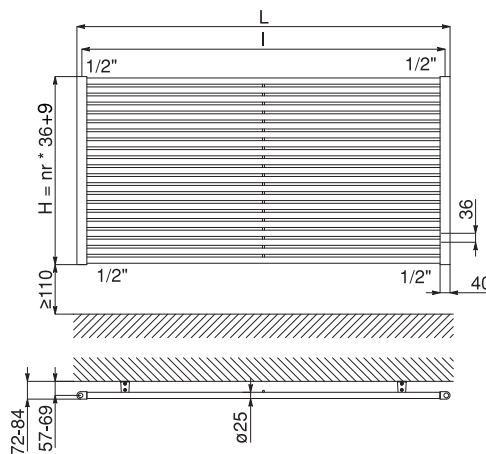
See Accessories chapter

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

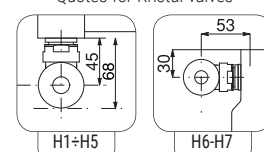
WIDTH L [mm]	500	600	700	800	900	1000	1200	1400	1500
Dry Weight per section [kg]	0,342	0,39	0,438	0,486	0,533	0,58	0,627	0,772	0,82
Element Water content [lt]	0,281	0,324	0,367	0,41	0,453	0,496	0,539	0,668	0,711
Element surface [m2]	0,048	0,056	0,064	0,072	0,08	0,088	0,096	0,119	0,127
Pipe Centres I [mm] (H1 only)	450	550	650	750	850	950	1150	1350	1450

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

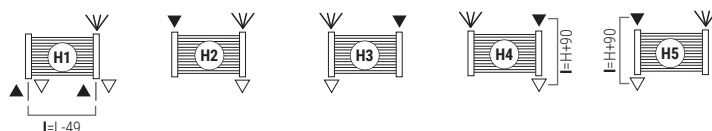
WIDTH L [mm]	1600	1800	2000	2200	2300	2500
Dry Weight per section [kg]	0,868	0,963	1,059	1,155	1,202	1,298
Element Water content [lt]	0,754	0,84	0,926	1,012	1,055	1,141
Element surface [m2]	0,135	0,151	0,166	0,182	0,19	0,205
Pipe Centres I [mm] (H1 only)	1550	1750	1950	2150	2250	2450



Quotes for Kristal valves



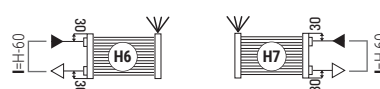
## STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



## SPECIAL CONNECTIONS (WITH SURCHARGE)



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	Elements nr.	WIDTH in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
EXAMPLE	Radiator model Eg.: Doriana horizontal	Numero elements E.g.: 18 elements	WIDTH in cm Example: 1200 mm	Article code of the connection Example: connection H4	Article 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

**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 - ral 9010</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 - ral 9010</b></p> <p>Copper conn. Ø 12/14/15 Art. nr. 5991990311176</p> <p>Multilayer conn. Ø 16 Art. nr. 5991990311175</p>	<p><b>White thermostatic head</b></p> <p>(Kit 2 pieces) Art. nr. 5035270710016</p>
--	--	--

# DORIANA<sub>HORIZONTAL</sub>

All intermediate sizes are available for widths from 5 to 38 elements and heights from 500 to 2500 mm

WIDTH L [mm]		500	600	700	800	900	1000	1200	1400	1500	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 $\Delta t=50^{\circ}\text{C}$	
189	5	103	124	144	165	185	206	247	288	309	1,2082
225	6	124	149	174	198	223	248	298	347	372	1,2074
261	7	145	173	202	231	260	289	347	405	434	1,2066
297	8	166	197	232	265	298	331	397	463	497	1,2058
333	9	186	223	260	298	335	372	446	521	558	1,2050
369	10	207	248	290	331	373	414	497	580	621	1,2042
405	11	228	273	319	364	410	455	546	637	683	1,2034
441	12	248	298	347	397	446	496	595	694	744	1,2026
477	13	269	322	376	430	483	537	644	752	806	1,2018
513	14	289	346	404	462	519	577	692	808	866	1,2010
549	15	309	371	433	494	556	618	742	865	927	1,2001
585	16	329	395	461	526	592	658	790	921	987	1,1993
621	17	349	419	489	558	628	698	838	977	1047	1,1985
657	18	369	443	517	590	664	738	886	1033	1107	1,1977
693	19	389	467	545	622	700	778	934	1089	1167	1,1969
729	20	409	491	573	654	736	818	982	1145	1227	1,1961
765	21	429	514	600	686	771	857	1028	1200	1286	1,1953
801	22	448	538	627	717	806	896	1075	1254	1344	1,1945
837	23	468	561	655	748	842	935	1122	1309	1403	1,1937
873	24	487	584	682	779	877	974	1169	1364	1461	1,1920
909	25	506	607	708	810	911	1012	1214	1417	1518	1,1921
945	26	526	631	736	841	946	1051	1261	1471	1577	1,2074
981	27	545	653	762	871	980	1089	1307	1525	1634	1,1905
1017	28	564	676	789	902	1014	1127	1352	1578	1691	1,1897
1053	29	583	699	816	932	1049	1165	1398	1631	1748	1,1889
1089	30	601	721	841	962	1082	1202	1442	1683	1803	1,1881
1125	31	620	743	867	991	1115	1239	1487	1735	1859	1,1873
1161	32	638	766	893	1021	1148	1276	1531	1786	1914	1,1865
1197	33	657	788	919	1050	1182	1313	1576	1838	1970	1,1857
1233	34	675	810	945	1080	1215	1350	1620	1890	2025	1,1849
1269	35	694	832	971	1110	1248	1387	1664	1942	2081	1,1841
1305	36	712	854	996	1138	1281	1423	1708	1992	2135	1,1833
1341	37	730	875	1021	1167	1313	1459	1751	2043	2189	1,1825
1377	38	748	897	1047	1196	1346	1495	1794	2093	2243	1,1817

WIDTH L [mm]		1600	1800	2000	2200	2300	2500	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 $\Delta t=50^{\circ}\text{C}$	
189	5	330	371	412	453	474	515	1,2082
225	6	397	446	496	546	570	620	1,2074
261	7	462	520	578	636	665	723	1,2066
297	8	530	596	662	728	761	828	1,2058
333	9	595	670	744	818	856	930	1,2050
369	10	662	745	828	911	952	1035	1,2042
405	11	728	819	910	1001	1047	1138	1,2034
441	12	794	893	992	1091	1141	1240	1,2026
477	13	859	967	1074	1181	1235	1343	1,2018
513	14	923	1039	1154	1269	1327	1443	1,2010
549	15	989	1112	1236	1360	1421	1545	1,2001
585	16	1053	1184	1316	1448	1513	1645	1,1993
621	17	1117	1256	1396	1536	1605	1745	1,1985
657	18	1181	1328	1476	1624	1697	1845	1,1977
693	19	1245	1400	1556	1712	1789	1945	1,1969
729	20	1309	1472	1636	1800	1881	2045	1,1961
765	21	1371	1543	1714	1885	1971	2143	1,1953
801	22	1434	1613	1792	1971	2061	2240	1,1945
837	23	1496	1683	1870	2057	2151	2338	1,1937
873	24	1558	1753	1948	2143	2240	2435	1,1920
909	25	1619	1822	2024	2226	2328	2530	1,1921
945	26	1682	1892	2102	2312	2417	2628	1,2074
981	27	1742	1960	2178	2396	2505	2723	1,1905
1017	28	1803	2029	2254	2479	2592	2818	1,1897
1053	29	1864	2097	2330	2563	2680	2913	1,1889
1089	30	1923	2164	2404	2644	2765	3005	1,1881
1125	31	1982	2230	2478	2726	2850	3098	1,1873
1161	32	2042	2297	2552	2807	2935	3190	1,1865
1197	33	2101	2363	2626	2889	3020	3283	1,1857
1233	34	2160	2430	2700	2970	3105	3375	1,1849
1269	35	2219	2497	2774	3051	3190	3468	1,1841
1305	36	2277	2561	2846	3131	3273	3558	1,1833
1341	37	2334	2626	2918	3210	3356	3648	1,1825
1377	38	2392	2691	2990	3289	3439	3738	1,1817

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