



VERANO[®]
by: MDL Solutions

MDL Solutions DSN **TECHNICAL** catalogue

2015_01



Deco

Designer Convection Radiator

CLASIC DECO 22
GRANDE DECO 23
QUATRO DECO 42



Designer Convection Radiator may be an ideal way to expressing yourself if you are fancy having some fun with arranging and designing of your interior. Heating emitter that is hidden behind a mirror, decorative graphic or a picture may be a rarity in our home, domestic interior design. Additional benefit of such a heating emitter is its easy removable front panel cover.

Designer Convection Radiators are also available as a wooden alike style units. Heating emitters type Deco will guarantee reliability and efficient running but primarily are designed to provide a thermal comfort in your cosy room.

The equipment of Verano heater

STANDARD equipment:

- smooth casing made of hot-dip galvanized steel sheet with zinc magnesium coating, powder painted in white RAL 9003
- Removable front panel
- copper and aluminium heat exchanger with air vent
- thermostatic valve (applies to the lower powered heaters type V)
- wall brackets
- type C with water connection 2xIT ½"
- type V and type T with water connection 2xET ¾"

ADDITIONAL equipment:

- Heaters are available in any RAL color, Carbon Design or with any selected image or as a wood imitation.

Designer Convection Radiators are available in three options:

- Type V - powered from the bottom
- Type C - powered from the side
- Type T - powered from the middle

Additional information

Thermostatic valves fitted to radiators with bottom connection (type V) allow the installation of Schloer's thermostatic heads Catalog No. 600100001, 600100011, 600200001, 600200002, 600200003, 600200004, 600200005, 600200007 and Electro-thermal servo-motor Siemens type STA 23.

It is recommended that the distance of the radiator from the floor and the distance of the radiator from the sill should be at least 10 cm.

Radiators with side connection (type C 2xIT ½") can be connected directly with thermostatic and return valve. The V type radiators use ET ¾" which allows to direct connection to the valve body called "dual radiator valve"

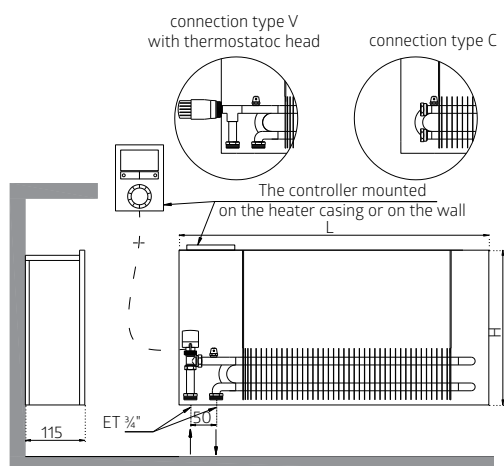
Water capacity [dm³]

Type	L [mm]									
	400	600	800	1000	1250	1500	1750	2000	2250	2500
Clasic 22 V	0,22	0,34	0,47	0,59	0,74	0,90	1,05	1,20	1,36	1,51
Clasic 22 C	0,22	0,35	0,47	0,59	0,75	0,90	1,05	1,21	1,36	1,52
Clasic 22 T	0,20	0,32	0,45	0,57	0,72	0,88	1,03	1,18	1,34	1,49
Grande 23 V	0,32	0,51	0,69	0,88	1,11	1,34	1,57	1,80	2,03	2,26
Grande 23 C	0,33	0,51	0,70	0,88	1,11	1,34	1,57	1,80	2,03	2,27
Grande 23 T	0,31	0,50	0,68	0,87	1,10	1,33	1,56	1,79	2,02	2,25
Quatro 42 V	0,44	0,69	0,93	1,18	1,49	1,79	2,10	2,41	2,72	3,03
Quatro 42 C	0,43	0,67	0,92	1,17	1,47	1,78	2,09	2,40	2,71	3,01
Quatro 42 T	0,41	0,66	0,91	1,15	1,46	1,77	2,08	2,38	2,69	3,00

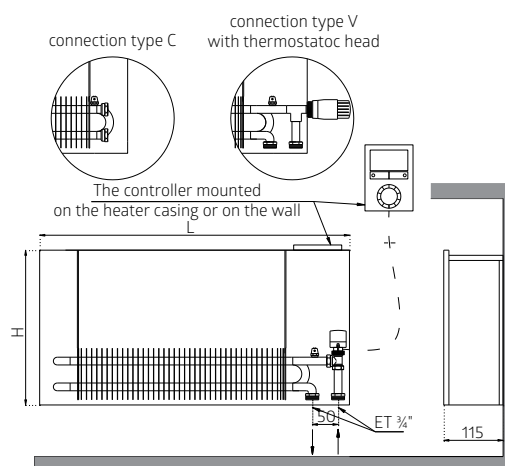


CLASIC DECO 22

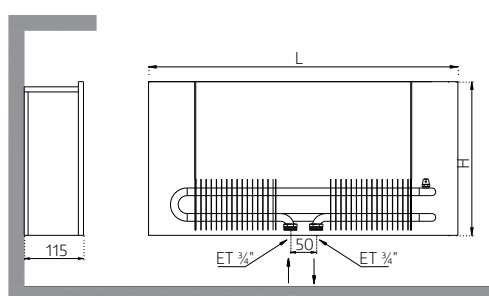
DIMENSIONS	[mm]
Height (H)	230, 300, 400, 600, 800
Width (W)	115
Length (L)	400 - 2500



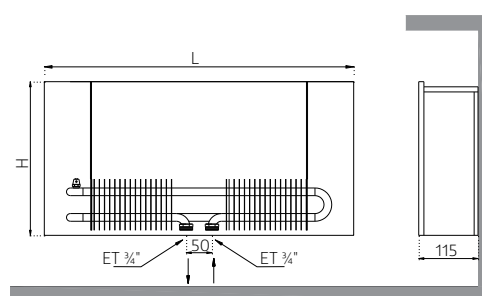
Designer Convection radiator type Clasic Deco 22 V left



Designer Convection radiator type Clasic Deco 22 V right



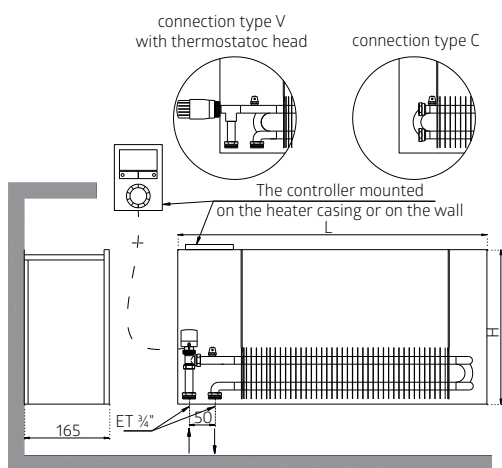
Designer Convection radiator type Clasic Deco 22 T left



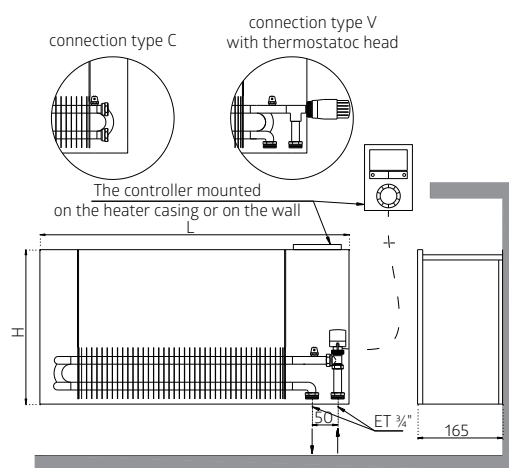
Designer Convection radiator type Clasic Deco 22 T right

GRANDE DECO 23

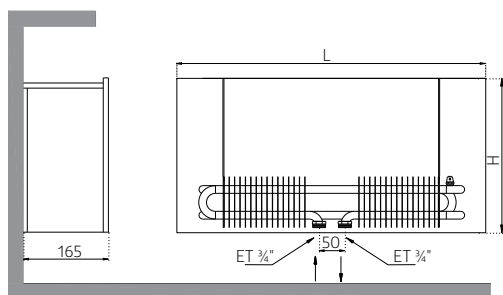
DIMENSIONS	[mm]
Height (H)	230, 300, 400, 600, 800
Width (W)	165
Length (L)	400 - 2500



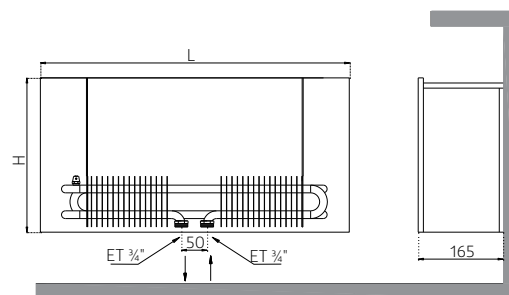
Designer Convection radiator type Grande Deco 23 V left



Designer Convection radiator type Grande Deco 23 V right



Designer Convection radiator type Grande Deco 23 T left

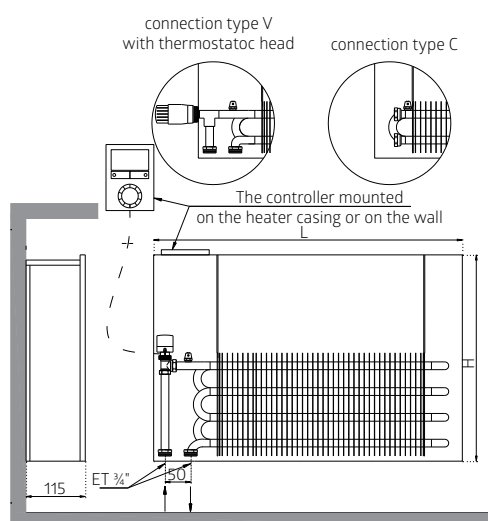


Designer Convection radiator type Grande Deco 23 T right

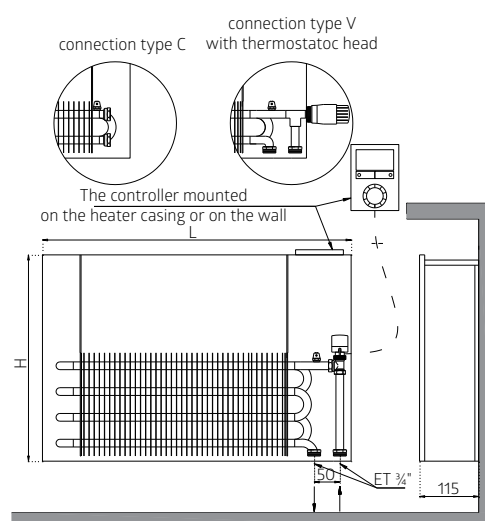


QUATRO DECO 42

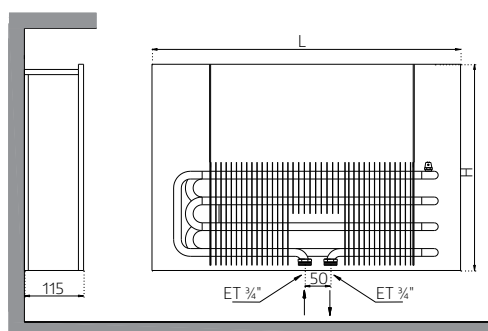
DIMENSIONS	[mm]
Height (H)	300, 400, 600, 800
Width (W)	115
Length (L)	400 - 2500



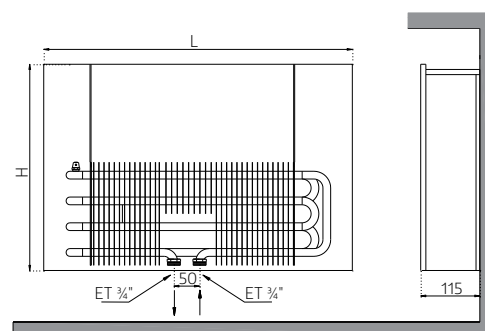
Designer Convection radiator type Quatro Deco 42 V left



Designer Convection radiator type Quatro Deco 42 V right



Designer Convection radiator type Quatro Deco 42 T left



Designer Convection radiator type Quatro Deco 42 T right

Heating output [W]

H [mm]	Type	Order code		L [mm]									
				400	600	800	1000	1250	1500	1750	2000	2250	2500
230	Clasic Deco 22 V	DNCV-23/11.5/L-22	75/65/20°C	323	483	644	805	1007	1208	1409	1611	1812	2013
			55/45/20°C	161	241	321	402	502	603	703	804	904	1005
	Clasic Deco 22 C	DNCC-23/11.5/L-22	75/65/20°C	387	548	709	869	1071	1273	1473	1675	1876	2078
			55/45/20°C	97	273	354	434	534	635	735	836	936	1037
	Clasic Deco 22 T	DNCT-23/11.5/L-22	75/65/20°C	194	387	558	724	930	1134	1336	1539	1741	1943
			55/45/20°C	97	193	279	361	464	566	667	768	869	970
	Grande Deco 23 V	DNGV-23/16.5/L-23	75/65/20°C	568	852	1136	1421	1776	2130	2485	2846	3201	3556
			55/45/20°C	284	425	567	709	886	1063	1240	1420	1597	1774
	Grande Deco 23 C	DNGC-23/16.5/L-23	75/65/20°C	682	966	1250	1534	1889	2244	2599	2959	3314	3669
			55/45/20°C	340	482	624	766	943	1120	1297	1477	1654	1831
	Grande Deco 23 T	DNGT-23/16.5/L-23	75/65/20°C	341	682	984	1279	1641	1999	2357	2719	3076	3432
			55/45/20°C	170	340	491	638	819	997	1176	1357	1535	1713

H [mm]	Type	Order code		L [mm]									
				400	600	800	1000	1250	1500	1750	2000	2250	2500
300	Clasic Deco 22 V	DNCV-30/11.5/L-22	75/65/20°C	426	639	852	1066	1332	1598	1864	2131	2397	2664
			55/45/20°C	212	319	425	532	665	798	930	1063	1196	1329
	Clasic Deco 22 C	DNCC-30/11.5/L-22	75/65/20°C	511	725	937	1151	1418	1683	1949	2216	2483	2749
			55/45/20°C	255	362	468	574	707	840	973	1106	1239	1372
	Clasic Deco 22 T	DNCT-30/11.5/L-22	75/65/20°C	255	511	738	959	1231	1500	1768	2036	2304	2571
			55/45/20°C	127	255	368	479	614	748	882	1016	1150	1283
	Quatro Deco 42 V	DNQV-30/11.5/L-42	75/65/20°C	513	717	956	1195	1495	1793	2092	2395	2695	2994
			55/45/20°C	256	358	477	596	746	895	1044	1195	1345	1494
	Quatro Deco 42 C	DNQC-30/11.5/L-42	75/65/20°C	598	802	1042	1280	1580	1878	2177	2480	2780	3079
			55/45/20°C	298	400	520	639	788	937	1086	1238	1387	1536
	Quatro Deco 42 T	DNQT-30/11.5/L-42	75/65/20°C	384	627	877	1120	1424	1724	2025	2328	2629	2928
			55/45/20°C	192	313	437	559	710	860	1010	1162	1312	1461
	Grande Deco 23 V	DNGV-30/16.5/L-23	75/65/20°C	739	1110	1479	1849	2312	2773	3235	3692	4167	4630
			55/45/20°C	369	554	738	922	1154	1384	1614	1842	2079	2310
	Grande Deco 23 C	DNGC-30/16.5/L-23	75/65/20°C	887	1258	1627	1997	2460	2921	3383	3839	4315	4778
			55/45/20°C	443	628	812	996	1227	1458	1688	1916	2153	2384
	Grande Deco 23 T	DNGT-30/16.5/L-23	75/65/20°C	443	888	1282	1664	2136	2602	3068	3528	4004	4469
			55/45/20°C	221	443	640	830	1066	1299	1531	1760	1998	2230

H [mm]	Type	Order code		L [mm]									
				400	600	800	1000	1250	1500	1750	2000	2250	2500
400	Clasic Deco 22 V	DNCV-40/11.5/L-22	75/65/20°C	473	710	947	1184	1481	1776	2071	2367	2664	2960
			55/45/20°C	236	354	472	591	739	886	1033	1181	1329	1477
	Clasic Deco 22 C	DNCC-40/11.5/L-22	75/65/20°C	568	805	1041	1279	1575	1871	2166	2462	2758	3055
			55/45/20°C	283	402	520	638	786	933	1081	1229	1376	1524
	Clasic Deco 22 T	DNCT-40/11.5/L-22	75/65/20°C	284	568	821	1066	1368	1667	1964	2262	2560	2857
			55/45/20°C	142	284	409	532	683	832	980	1129	1277	1426
	Quatro Deco 42 V	DNQV-40/11.5/L-42	75/65/20°C	676	946	1262	1577	1972	2366	2760	3159	3555	3949
			55/45/20°C	337	472	630	787	984	1180	1377	1577	1774	1971
	Quatro Deco 42 C	DNQC-40/11.5/L-42	75/65/20°C	802	1072	1388	1703	2098	2492	2886	3286	3681	4075
			55/45/20°C	400	535	693	850	1047	1243	1440	1639	1837	2034
	Quatro Deco 42 T	DNQT-40/11.5/L-42	75/65/20°C	507	828	1157	1478	1878	2275	2671	3072	3468	3863
			55/45/20°C	253	413	577	738	937	1135	1333	1533	1731	1928
	Grande Deco 23 V	DNGV-40/16.5/L-23	75/65/20°C	816	1226	1634	2043	2554	3064	3575	4079	4605	5116
			55/45/20°C	407	612	815	1019	1275	1529	1784	2035	2298	2553
	Grande Deco 23 C	DNGC-40/16.5/L-23	75/65/20°C	980	1390	1797	2206	2718	3227	3738	4243	4768	5280
			55/45/20°C	489	693	897	1101	1356	1611	1865	2117	2379	2635
	Grande Deco 23 T	DNGT-40/16.5/L-23	75/65/20°C	490	981	1416	1838	2360	2876	3390	3898	4425	4938
			55/45/20°C	244	490	707	917	1178	1435	1692	1945	2208	2464

Heating output [W]

H [mm]	Type	Order code		L [mm]									
				400	600	800	1000	1250	1500	1750	2000	2250	2500
600	Clasic Deco 22 V	DNCV-60/11.5/L-22	75/65/20°C	576	863	1151	1439	1798	2157	2518	2877	3236	3596
			55/45/20°C	287	430	574	718	897	1076	1256	1436	1615	1794
	Clasic Deco 22 C	DNCC-60/11.5/L-22	75/65/20°C	691	978	1266	1554	1913	2272	2633	2992	3351	3711
			55/45/20°C	345	488	632	775	955	1134	1314	1493	1672	1852
	Clasic Deco 22 T	DNCT-60/11.5/L-22	75/65/20°C	345	690	997	1295	1661	2024	2388	2749	3110	3471
			55/45/20°C	172	344	498	646	829	1010	1191	1372	1552	1732
	Quatro Deco 42 V	DNQV-60/11.5/L-42	75/65/20°C	780	1167	1557	1947	2434	2920	3407	3899	4387	4875
			55/45/20°C	389	583	777	972	1214	1457	1700	1946	2189	2432
	Quatro Deco 42 C	DNQC-60/11.5/L-42	75/65/20°C	935	1323	1713	2103	2589	3076	3562	4055	4543	5030
			55/45/20°C	467	660	855	1049	1292	1535	1778	2024	2267	2510
	Quatro Deco 42 T	DNQT-60/11.5/L-42	75/65/20°C	585	1021	1427	1825	2318	2808	3297	3791	4280	4769
			55/45/20°C	292	510	712	911	1157	1401	1645	1892	2136	2380
	Grande Deco 23 V	DNGV-60/16.5/L-23	75/65/20°C	931	1398	1862	2328	2910	3492	4075	4664	5246	5830
			55/45/20°C	464	697	929	1162	1452	1743	2033	2327	2618	2909
	Grande Deco 23 C	DNGC-60/16.5/L-23	75/65/20°C	1117	1584	2049	2515	3096	3679	4261	4850	5432	6016
			55/45/20°C	557	790	1022	1255	1545	1836	2126	2420	2711	3002
	Grande Deco 23 T	DNGT-60/16.5/L-23	75/65/20°C	558	1118	1614	2095	2688	3278	3865	4456	5041	5627
			55/45/20°C	279	558	805	1046	1341	1635	1928	2224	2516	2808

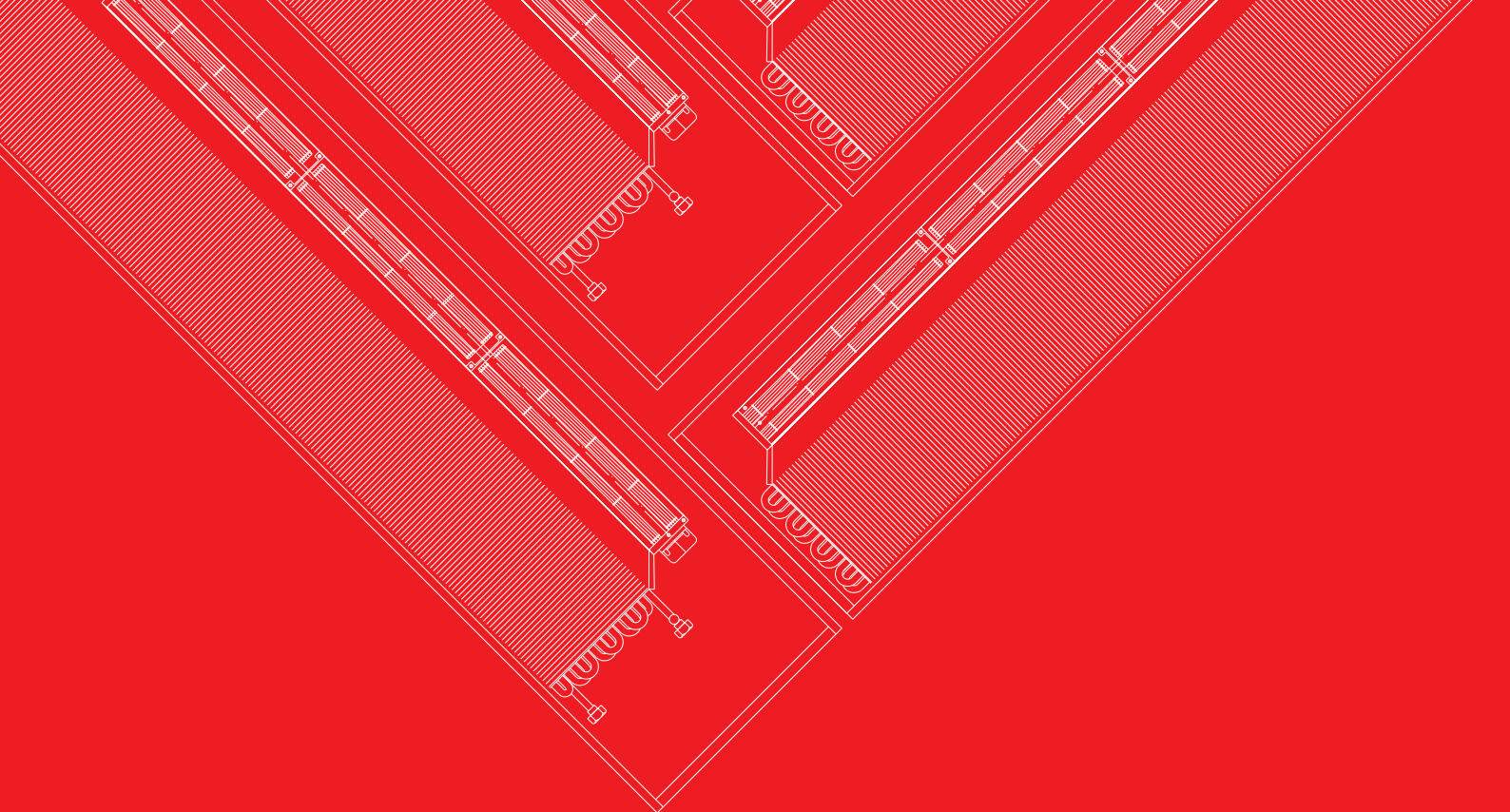
H [mm]	Type	Order code		L [mm]									
				400	600	800	1000	1250	1500	1750	2000	2250	2500
800	Clasic Deco 22 V	DNCV-80/11.5/L-22	75/65/20°C	643	965	1286	1609	2011	2413	2815	3217	3620	4021
			55/45/20°C	321	481	642	803	1004	1204	1405	1606	1806	2007
	Clasic Deco 22 C	DNCC-80/11.5/L-22	75/65/20°C	772	1093	1415	1737	2140	2541	2944	3346	3749	4150
			55/45/20°C	385	546	706	867	1068	1268	1469	1670	1871	2071
	Clasic Deco 22 T	DNCT-80/11.5/L-22	75/65/20°C	386	772	1115	1448	1858	2264	2670	3074	3479	3881
			55/45/20°C	193	385	556	722	927	1130	1332	1534	1736	1937
	Quatro Deco 42 V	DNQV-80/11.5/L-42	75/65/20°C	835	1254	1670	2089	2611	3133	3654	4184	4707	5230
			55/45/20°C	417	626	833	1042	1303	1563	1824	2088	2349	2610
	Quatro Deco 42 C	DNQC-80/11.5/L-42	75/65/20°C	1002	1421	1837	2256	2778	3300	3822	4351	4874	5397
			55/45/20°C	500	709	917	1126	1386	1647	1907	2171	2432	2693
	Quatro Deco 42 T	DNQT-80/11.5/L-42	75/65/20°C	626	1097	1531	1958	2487	3013	3537	4067	4592	5116
			55/45/20°C	313	547	764	977	1241	1503	1765	2030	2291	2553
	Grande Deco 23 V	DNGV-80/16.5/L-23	75/65/20°C	1021	1531	2043	2553	3191	3830	4467	5113	5752	6392
			55/45/20°C	510	764	1019	1274	1592	1911	2229	2552	2870	3190
	Grande Deco 23 C	DNGC-80/16.5/L-23	75/65/20°C	1225	1736	2247	2757	3395	4034	4672	5318	5957	6596
			55/45/20°C	612	866	1121	1376	1694	2013	2331	2653	2972	3292
	Grande Deco 23 T	DNGT-80/16.5/L-23	75/65/20°C	613	1225	1770	2297	2947	3594	4237	4886	5528	6170
			55/45/20°C	306	611	883	1146	1471	1793	2114	2438	2758	3079

Heat outputs [W] according to EN 442 for the room air temperature $T_i = 20^\circ\text{C}$.

Maximum working pressure: 1.0 MPa.

The test pressure of 1.3 MPa.

Maximum operating temperature: 95°C



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Technical catalogue 2015_01

After completion the edition of the directory on the 21.01.2015, may have been some changes in the products listed in.
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