Technical information & specifications

DeepClean anti-ligature radiator size information and output performance data

ANTI-LIGATURE | WALL MOUNTED | SQUARE TOP

Heat Outputs to BS EN 442 Certification.
Outputs based on a mean radiator water temperature of 70°C and a room temperature of 20°C - Delta T 50°C
To achieve Delta T60 increase T50 figures by 20.5%

To calculate alternative Delta T requirements please refer to page 29
To convert BTU to Watts multiply by 0.293. To convert Watts to BTU divide by 0.293

Specification summary:

Manufacture:

- 1.5mm Mild steel
- 10mm Radius edges / bullnose corners
- Patented full height front access door with hinge (Pat. No. 2 410 544)
- IP3x test (to BS EN 60529) compliant guard grille available - designed to stop objects >2.5mm diameter being inserted
- Cut-outs programmed into manufacture
- External TRV apertures available

Sizes:

- Single casing length 500mm to 2000mm
- Single casing height 450mm to 850mm
- Lengths over 2000mm can be achieved
- Bespoke solutions, extended guards & multiple door units available

Emitter:

- QRL Hi-Lo round top radiator

Valve options available:

- Internal TRV kit 9210-13
- Remote sensing TRV kit 7463-41
- Anti-ligature TRV kit & shroud 9213-63
- Rotarad rotating valve kit

Finish:

- Polyester powder coated RAL 9003 as standard. Other colour finishes available
- Patented BioCote® anti-microbial agent as standard

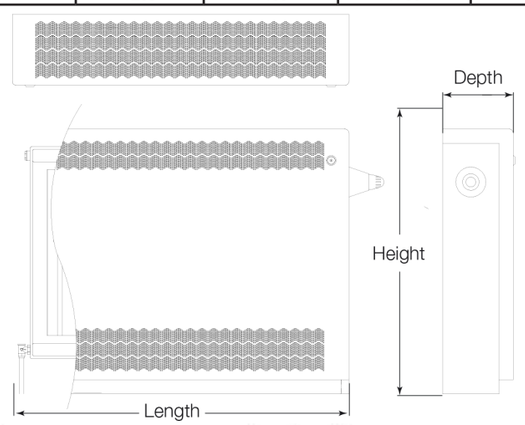
Fixings:

- All fixings internal
- Security fastenings & fixings

			Type 11 (Single Convector)					Type 12 (Double Panel +)				Type 22 (Double Convector)				
Casing Length (mm)	Rad Length (mm)	Casings Height (mm)	450	550	650	750	850	550	650	750	850	450	550	650	750	850
		Rad Height (mm)	300	400	500	600	700	400	500	600	700	300	400	500	600	700
500	300	Art. Code			DSW116505-AL	DSW117505-AL								DSW226505-AL	DSW227505-AL	
		Watts T50			219	256								414	479	
600	400	Art. Code	DSW114506-AL	DSW115506-AL	DSW116506-AL	DSW117506-AL	DSW118506-AL	DSW215506-AL	DSW216506-AL	DSW217506-AL	DSW218506-AL		DSW225506-AL	DSW226506-AL	DSW227506-AL	DSW228506-AL
		Watts T50	186	242	292	341	385	351	417	479	538		461	552	638	720
700	500	Art. Code	DSW114507-AL	DSW115507-AL	DSW116507-AL	DSW117507-AL	DSW118507-AL	DSW215507-AL	DSW216507-AL	DSW217507-AL	DSW218507-AL	DSW224507-AL	DSW225507-AL	DSW226507-AL	DSW227507-AL	DSW228507-AL
		Watts T50	232	301	365	425	481	438	521	599	672	458	577	690	798	899
800	600	Art. Code	DSW114508-AL	DSW115508-AL	DSW116508-AL	DSW117508-AL	DSW118508-AL	DSW215508-AL	DSW216508-AL	DSW217508-AL	DSW218508-AL	DSW224508-AL	DSW225508-AL	DSW226508-AL	DSW227508-AL	DSW228508-AL
		Watts T50	278	361	438	511	578	526	625	719	807	549	693	828	957	1079
900	700	Art. Code		DSW115509-AL	DSW116509-AL	DSW117509-AL	DSW118509-AL	DSW215509-AL	DSW216509-AL	DSW217509-AL	DSW218509-AL		DSW225509-AL	DSW226509-AL	DSW227509-AL	DSW228509-AL
		Watts T50		422	511	596	674	613	729	839	940		807	966	1117	1258
1000	800	Art. Code		DSW115510-AL	DSW116510-AL	DSW117510-AL	DSW118510-AL	DSW215510-AL	DSW216510-AL	DSW217510-AL	DSW218510-AL		DSW225510-AL	DSW226510-AL	DSW227510-AL	DSW228510-AL
		Watts T50		482	584	680	770	701	834	958	1075		923	1103	1276	1439
1100	900	Art. Code		DSW115511-AL	DSW116511-AL	DSW117511-AL	DSW118511-AL	DSW215511-AL	DSW216511-AL	DSW217511-AL	DSW218511-AL		DSW225511-AL	DSW226511-AL	DSW227511-AL	DSW228511-AL
		Watts T50		542	657	766	866	789	938	1078	1209		1038	1241	1435	1618
1200	1000	Art. Code	DSW114512-AL	DSW115512-AL	DSW116512-AL	DSW117512-AL	DSW118512-AL	DSW215512-AL	DSW216512-AL	DSW217512-AL	DSW218512-AL	DSW224512-AL	DSW225512-AL	DSW226512-AL	DSW227512-AL	DSW228512-AL
		Watts T50	463	602	730	850	962	875	1042	1198	1343	915	1153	1379	1594	1798
1300	1100	Art. Code		DSW115513-AL	DSW116513-AL	DSW117513-AL	DSW118513-AL		DSW216513-AL	DSW217513-AL			DSW225513-AL	DSW226513-AL	DSW227513-AL	DSW228513-AL
		Watts T50		662	803	935	1058		1146	1317			1269	1517	1754	1978
1400	1200	Art. Code		DSW115514-AL	DSW116514-AL	DSW117514-AL	DSW118514-AL	DSW215514-AL	DSW216514-AL	DSW217514-AL			DSW225514-AL	DSW226514-AL	DSW227514-AL	DSW228514-AL
		Watts T50		722	876	1021	1154	1051	1250	1437			1384	1654	1913	2157
1600	1400	Art. Code		DSW115516-AL	DSW116516-AL	DSW117516-AL	DSW118516-AL	DSW215516-AL	DSW216516-AL	DSW217516-AL			DSW225516-AL	DSW226516-AL	DSW227516-AL	DSW228516-AL
		Watts T50		843	1022	1190	1346	1226	1458	1677			1614	1930	2232	2517
1800	1600	Art. Code	DSW114518-AL	DSW115518-AL	DSW116518-AL	DSW117518-AL	DSW118518-AL	DSW215518-AL	DSW216518-AL	DSW217518-AL		DSW224518-AL	DSW225518-AL	DSW226518-AL	DSW227518-AL	DSW228518-AL
		Watts T50	741	962	1168	1360	1539	1401	1667	1916		1463	1845	2206	2550	2876
2000	1800	Art. Code		DSW115520-AL	DSW116520-AL	DSW117520-AL	DSW118520-AL	DSW215520-AL	DSW216520-AL	DSW217520-AL			DSW225520-AL	DSW226520-AL	DSW227520-AL	
		Watts T50		1083	1314	1530	1731	1576	1875	2155			2076	2482	2869	
2200	2000	Art. Code		DSW115522-AL	DSW116522-AL	DSW117522-AL	DSW118522-AL						DSW225522-AL	DSW226522-AL	DSW227522-AL	
		Watts T50		1203	1460	1700	1923						2306	2757	3187	

Please note:

The grille size used in anti-ligature radiator guards can inhibit the convection process. Therefore Contour cannot guarantee that the casing will not exceed a surface temperature of 43°C



Casing Depths	
Type 11	155mm
Type 12	165mm
Type 22	195mm

Standard delivery

- Standard delivery comprises radiator guard of choice, corresponding QRL emitter (Type 11, Type 12 or Type 22 as specified) and the option of an anti-ligature TRV shroud and 9231-63 Herz External TRV kit (suitable for 15mm copper to copper connection on a two-pipe system) or a 9210-13 Herz internal TRV kit
- An optional Rotarad rotary valve is available
- Alternative Herz fittings can be quoted for and supplied upon request
- **Split delivery option:** to reduce the risk of radiators casings becoming damaged or lost on site, Contour offer split deliveries as standard on all LST and anti-ligature radiators. Radiators and valves are delivered first, then, once the heating system is installed, tested and commissioned, casings are delivered. This virtually eliminates storage problems and the risk of on-site damage.

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