Declaration of Performance

No. 202009-1044

Curved Florence 4 Column 300mm

Unique product code:	CUR-F4C-302
Type, batch or serial number:	CUR-F4C-302
Intended use of the construction product:	In heating systems in buildings
Manufacturer:	Castrads Ltd 1 Kenwood Road North Reddish SK5 6PH, Manchester, United Kingdom
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	Politecnico di Milano
Test report number:	ENE/MRT.ITPL.01005

Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure [kPa]	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1.69 x maximum operating pressure [kPa] Maximum operating pressure: 1000 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\varphi = Km \bullet \Delta T^n$. See appendix for factor Km and exponent n	
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact:	Class 0	

Signed for and on behalf of the manufacturer by:
Nicholas Baylis
CEO
Stockport, England
17th November 2026



Castrads®

Appendix to DOP No. 202009-1044: Dimensions and thermal outputs

Panel dimensions: 402mm high when floor standing, 141mm deep for all numbers of sections. See table for length.

SKU	Num of sec.	Length, mm	Output (Watts, DT50)	Output (Watts, DT30)	Factor, Km	Exponent, n
CUR-F4C-302-03	3	165	126	66	0.920	1.2581
CUR-F4C-302-04	4	210	168	89	1.226	1.2581
CUR-F4C-302-05	5	255	210	111	1.533	1.2581
CUR-F4C-302-06	6	300	252	133	1.840	1.2581
CUR-F4C-302-07	7	345	295	155	2.146	1.2581
CUR-F4C-302-08	8	390	337	177	2.453	1.2581
CUR-F4C-302-09	9	435	379	199	2.759	1.2581
CUR-F4C-302-10	10	480	421	221	3.066	1.2581
CUR-F4C-302-11	11	525	463	243	3.373	1.2581
CUR-F4C-302-12	12	570	505	266	3.679	1.2581
CUR-F4C-302-13	13	615	547	288	3.986	1.2581
CUR-F4C-302-14	14	660	589	310	4.292	1.2581
CUR-F4C-302-15	15	705	631	332	4.599	1.2581
CUR-F4C-302-16	16	750	673	354	4.906	1.2581
CUR-F4C-302-17	17	795	715	376	5.212	1.2581
CUR-F4C-302-18	18	840	757	398	5.519	1.2581
CUR-F4C-302-19	19	885	800	420	5.825	1.2581
CUR-F4C-302-20	20	930	842	443	6.132	1.2581
CUR-F4C-302-21	21	975	884	465	6.439	1.2581
CUR-F4C-302-22	22	1020	926	487	6.745	1.2581
CUR-F4C-302-23	23	1065	968	509	7.052	1.2581
CUR-F4C-302-24	24	1110	1010	531	7.358	1.2581
CUR-F4C-302-25	25	1155	1052	553	7.665	1.2581
CUR-F4C-302-26	26	1200	1094	575	7.972	1.2581
CUR-F4C-302-27	27	1245	1136	597	8.278	1.2581
CUR-F4C-302-28	28	1290	1178	620	8.585	1.2581
CUR-F4C-302-29	29	1335	1220	642	8.891	1.2581
CUR-F4C-302-30	30	1380	1262	664	9.198	1.2581
CUR-F4C-302-31	31	1425	1304	686	9.505	1.2581
CUR-F4C-302-32	32	1470	1347	708	9.811	1.2581
CUR-F4C-302-33	33	1515	1389	730	10.118	1.2581
CUR-F4C-302-34	34	1560	1431	752	10.424	1.2581
CUR-F4C-302-35	35	1605	1473	775	10.731	1.2581
CUR-F4C-302-36	36	1650	1515	797	11.038	1.2581
CUR-F4C-302-37	37	1695	1557	819	11.344	1.2581
CUR-F4C-302-38	38	1740	1599	841	11.651	1.2581
CUR-F4C-302-39	39	1785	1641	863	11.957	1.2581
CUR-F4C-302-40	40	1830	1683	885	12.264	1.2581