Declaration of Performance

No. 202009-1046

Curved Florence 4 Column 500mm

Unique product code:	CUR-F4C-502
Type, batch or serial number:	CUR-F4C-502
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
23rd November 2026



Castrads®

Appendix to DOP No. 202009-1046: Dimensions and thermal outputs

Panel dimensions: 602mm 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-502-03	3	165	201	104	1.310	1.2863
CUR-F4C-502-04	4	210	268	139	1.746	1.2863
CUR-F4C-502-05	5	255	334	173	2.183	1.2863
CUR-F4C-502-06	6	300	401	208	2.619	1.2863
CUR-F4C-502-07	7	345	468	243	3.056	1.2863
CUR-F4C-502-08	8	390	535	277	3.492	1.2863
CUR-F4C-502-09	9	435	602	312	3.929	1.2863
CUR-F4C-502-10	10	480	669	347	4.365	1.2863
CUR-F4C-502-11	11	525	736	381	4.802	1.2863
CUR-F4C-502-12	12	570	803	416	5.238	1.2863
CUR-F4C-502-13	13	615	870	451	5.675	1.2863
CUR-F4C-502-14	14	660	937	485	6.111	1.2863
CUR-F4C-502-15	15	705	1003	520	6.548	1.2863
CUR-F4C-502-16	16	750	1070	555	6.984	1.2863
CUR-F4C-502-17	17	795	1137	590	7.421	1.2863
CUR-F4C-502-18	18	840	1204	624	7.857	1.2863
CUR-F4C-502-19	19	885	1271	659	8.294	1.2863
CUR-F4C-502-20	20	930	1338	694	8.730	1.2863
CUR-F4C-502-21	21	975	1405	728	9.167	1.2863
CUR-F4C-502-22	22	1020	1472	763	9.603	1.2863
CUR-F4C-502-23	23	1065	1539	798	10.040	1.2863
CUR-F4C-502-24	24	1110	1606	832	10.476	1.2863
CUR-F4C-502-25	25	1155	1672	867	10.913	1.2863
CUR-F4C-502-26	26	1200	1739	902	11.349	1.2863
CUR-F4C-502-27	27	1245	1806	936	11.786	1.2863
CUR-F4C-502-28	28	1290	1873	971	12.222	1.2863
CUR-F4C-502-29	29	1335	1940	1006	12.659	1.2863
CUR-F4C-502-30	30	1380	2007	1040	13.095	1.2863
CUR-F4C-502-31	31	1425	2074	1075	13.532	1.2863
CUR-F4C-502-32	32	1470	2141	1110	13.968	1.2863
CUR-F4C-502-33	33	1515	2208	1144	14.405	1.2863
CUR-F4C-502-34	34	1560	2275	1179	14.841	1.2863
CUR-F4C-502-35	35	1605	2341	1214	15.278	1.2863
CUR-F4C-502-36	36	1650	2408	1248	15.714	1.2863
CUR-F4C-502-37	37	1695	2475	1283	16.151	1.2863
CUR-F4C-502-38	38	1740	2542	1318	16.587	1.2863
CUR-F4C-502-39	39	1785	2609	1352	17.024	1.2863
CUR-F4C-502-40	40	1830	2676	1387	17.460	1.2863