Declaration of Performance

No. 202009-1029

Curved Florence 3 Column 300mm

Unique product code:	CUR-F3C-302
Type, batch or serial number:	CUR-F3C-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.01004

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. 202009-1029: Dimensions and thermal outputs

Panel dimensions: 402mm high when floor standing, 103mm 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-F3C-302-03	3	165	98	52	0.739	1.2481
CUR-F3C-302-04	4	210	130	69	0.985	1.2481
CUR-F3C-302-05	5	255	163	86	1.232	1.2481
CUR-F3C-302-06	6	300	195	103	1.478	1.2481
CUR-F3C-302-07	7	345	228	120	1.724	1.2481
CUR-F3C-302-08	8	390	260	137	1.971	1.2481
CUR-F3C-302-09	9	435	293	155	2.217	1.2481
CUR-F3C-302-10	10	480	325	172	2.463	1.2481
CUR-F3C-302-11	11	525	358	189	2.710	1.2481
CUR-F3C-302-12	12	570	390	206	2.956	1.2481
CUR-F3C-302-13	13	615	423	223	3.202	1.2481
CUR-F3C-302-14	14	660	455	241	3.449	1.2481
CUR-F3C-302-15	15	705	488	258	3.695	1.2481
CUR-F3C-302-16	16	750	520	275	3.941	1.2481
CUR-F3C-302-17	17	795	553	292	4.188	1.2481
CUR-F3C-302-18	18	840	585	309	4.434	1.2481
CUR-F3C-302-19	19	885	618	326	4.680	1.2481
CUR-F3C-302-20	20	930	650	344	4.927	1.2481
CUR-F3C-302-21	21	975	683	361	5.173	1.2481
CUR-F3C-302-22	22	1020	715	378	5.419	1.2481
CUR-F3C-302-23	23	1065	748	395	5.666	1.2481
CUR-F3C-302-24	24	1110	780	412	5.912	1.2481
CUR-F3C-302-25	25	1155	813	430	6.158	1.2481
CUR-F3C-302-26	26	1200	845	447	6.405	1.2481
CUR-F3C-302-27	27	1245	878	464	6.651	1.2481
CUR-F3C-302-28	28	1290	910	481	6.897	1.2481
CUR-F3C-302-29	29	1335	943	498	7.144	1.2481
CUR-F3C-302-30	30	1380	975	515	7.390	1.2481
CUR-F3C-302-31	31	1425	1008	533	7.636	1.2481
CUR-F3C-302-32	32	1470	1040	550	7.883	1.2481
CUR-F3C-302-33	33	1515	1073	567	8.129	1.2481
CUR-F3C-302-34	34	1560	1105	584	8.375	1.2481
CUR-F3C-302-35	35	1605	1138	601	8.622	1.2481
CUR-F3C-302-36	36	1650	1170	619	8.868	1.2481
CUR-F3C-302-37	37	1695	1203	636	9.114	1.2481
CUR-F3C-302-38	38	1740	1235	653	9.361	1.2481
CUR-F3C-302-39	39	1785	1268	670	9.607	1.2481
CUR-F3C-302-40	40	1830	1300	687	9.853	1.2481