Declaration of Performance

No. 202009-1048

Curved Florence 4 Column 685mm

Unique product code:	CUR-F4C-687
Type, batch or serial number:	CUR-F4C-687
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. 202009-1048: Dimensions and thermal outputs

Panel dimensions: 787mm 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-687-03	3	165	267	137	1.575	1.3124
CUR-F4C-687-04	4	210	356	182	2.100	1.3124
CUR-F4C-687-05	5	255	446	228	2.625	1.3124
CUR-F4C-687-06	6	300	535	273	3.150	1.3124
CUR-F4C-687-07	7	345	624	319	3.675	1.3124
CUR-F4C-687-08	8	390	713	365	4.200	1.3124
CUR-F4C-687-09	9	435	802	410	4.725	1.3124
CUR-F4C-687-10	10	480	891	456	5.250	1.3124
CUR-F4C-687-11	11	525	980	501	5.775	1.3124
CUR-F4C-687-12	12	570	1069	547	6.300	1.3124
CUR-F4C-687-13	13	615	1158	593	6.825	1.3124
CUR-F4C-687-14	14	660	1248	638	7.350	1.3124
CUR-F4C-687-15	15	705	1337	684	7.875	1.3124
CUR-F4C-687-16	16	750	1426	729	8.400	1.3124
CUR-F4C-687-17	17	795	1515	775	8.925	1.3124
CUR-F4C-687-18	18	840	1604	820	9.450	1.3124
CUR-F4C-687-19	19	885	1693	866	9.975	1.3124
CUR-F4C-687-20	20	930	1782	912	10.500	1.3124
CUR-F4C-687-21	21	975	1871	957	11.025	1.3124
CUR-F4C-687-22	22	1020	1960	1003	11.550	1.3124
CUR-F4C-687-23	23	1065	2050	1048	12.075	1.3124
CUR-F4C-687-24	24	1110	2139	1094	12.600	1.3124
CUR-F4C-687-25	25	1155	2228	1139	13.125	1.3124
CUR-F4C-687-26	26	1200	2317	1185	13.649	1.3124
CUR-F4C-687-27	27	1245	2406	1231	14.174	1.3124
CUR-F4C-687-28	28	1290	2495	1276	14.699	1.3124
CUR-F4C-687-29	29	1335	2584	1322	15.224	1.3124
CUR-F4C-687-30	30	1380	2673	1367	15.749	1.3124
CUR-F4C-687-31	31	1425	2762	1413	16.274	1.3124
CUR-F4C-687-32	32	1470	2851	1459	16.799	1.3124
CUR-F4C-687-33	33	1515	2941	1504	17.324	1.3124
CUR-F4C-687-34	34	1560	3030	1550	17.849	1.3124
CUR-F4C-687-35	35	1605	3119	1595	18.374	1.3124
CUR-F4C-687-36	36	1650	3208	1641	18.899	1.3124
CUR-F4C-687-37	37	1695	3297	1686	19.424	1.3124
CUR-F4C-687-38	38	1740	3386	1732	19.949	1.3124
CUR-F4C-687-39	39	1785	3475	1778	20.474	1.3124
CUR-F4C-687-40	40	1830	3564	1823	20.999	1.3124