Declaration of Performance

No. 084 30052018

CARSINGTON 1690MM

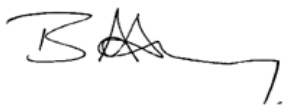
Unique Product Code:	**TCR011**
Type, batch or serial number:	**TCR011-1690**
Intended use of the construction product:	Heat emitters for central heating systems to be supplied with hot water or steam below 120°C from a remote heat source.
Manufacturer:	Jig UK Ltd, Hurlingham Business Park, Fulbeck Heath, Grantham NG32 3HL
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA, Bracknell, Berkshire, RG12 7AH (0480)
Test report number:	**60739A11PS**

Declared Performance

Essential Characteristics	Performance	Harmonized 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: 550 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\Phi = Km \cdot \Delta T^n$ 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:

Brian Athey
Managing Director
Dated: 11/11/2026



APPENDIX 1 - Dimensions and Thermal Outputs

SKU	Sections	Length (inc. bushes)	BTU's (ΔT 30°)	Watts (ΔT 30°)	BTU's (ΔT 50°)	Watts (ΔT 50°)	Factor, Km	Exponent, n
TCR011-1690-03	3	229mm	727	213	1409	413	2.6043	1.295
TCR011-1690-04	4	294mm	969	284	1880	551	3.4724	1.295
TCR011-1690-05	5	359mm	1211	355	2351	689	4.3405	1.295
TCR011-1690-06	6	424mm	1454	426	2818	826	5.2086	1.295
TCR011-1690-07	7	489mm	1696	497	3289	964	6.0767	1.295
TCR011-1690-08	8	554mm	1938	568	3760	1102	6.9448	1.295
TCR011-1690-09	9	619mm	2180	639	4228	1239	7.8129	1.295
TCR011-1690-10	10	684mm	2423	710	4699	1377	8.681	1.295
TCR011-1690-11	11	749mm	2665	781	5169	1515	9.5491	1.295
TCR011-1690-12	12	814mm	2907	852	5637	1652	10.4172	1.295
TCR011-1690-13	13	879mm	3149	923	6108	1790	11.2853	1.295
TCR011-1690-14	14	944mm	3392	994	6579	1928	12.1534	1.295
TCR011-1690-15	15	1009mm	3634	1065	7049	2066	13.0215	1.295
TCR011-1690-16	16	1074mm	3876	1136	7517	2203	13.8896	1.295
TCR011-1690-17	17	1139mm	4118	1207	7988	2341	14.7577	1.295
TCR011-1690-18	18	1204mm	4361	1278	8459	2479	15.6258	1.295
TCR011-1690-19	19	1269mm	4603	1349	8926	2616	16.4939	1.295
TCR011-1690-20	20	1334mm	4845	1420	9397	2754	17.362	1.295
TCR011-1690-21	21	1399mm	5088	1491	9868	2892	18.2301	1.295
TCR011-1690-22	22	1464mm	5330	1562	10335	3029	19.0982	1.295
TCR011-1690-23	23	1529mm	5572	1633	10806	3167	19.9663	1.295
TCR011-1690-24	24	1594mm	5814	1704	11277	3305	20.8344	1.295
TCR011-1690-25	25	1659mm	6057	1775	11748	3443	21.7025	1.295
TCR011-1690-26	26	1724mm	6299	1846	12215	3580	22.5706	1.295
TCR011-1690-27	27	1789mm	6541	1917	12686	3718	23.4387	1.295
TCR011-1690-28	28	1854mm	6783	1988	13157	3856	24.3068	1.295
TCR011-1690-29	29	1919mm	7026	2059	13625	3993	25.1749	1.295
TCR011-1690-30	30	1984mm	7268	2130	14096	4131	26.043	1.295