Declaration of Performance

No. 080 30052018

BELLINGHAM 1666MM

Unique Product Code:	**TCR007**
Type, batch or serial number:	**TCR007-1666**
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:	**60739A4PS**

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
TCR007-1666-03	3	265mm	757	222	1437	421	3.11835	1.2536
TCR007-1666-04	4	342mm	1010	296	1914	561	4.1578	1.2536
TCR007-1666-05	5	419mm	1262	370	2392	701	5.19725	1.2536
TCR007-1666-06	6	496mm	1512	443	2870	841	6.2367	1.2536
TCR007-1666-07	7	573mm	1764	517	3347	981	7.27615	1.2536
TCR007-1666-08	8	650mm	2017	591	3828	1122	8.3156	1.2536
TCR007-1666-09	9	727mm	2269	665	4306	1262	9.35505	1.2536
TCR007-1666-10	10	804mm	2522	739	4784	1402	10.3945	1.2536
TCR007-1666-11	11	881mm	2774	813	5262	1542	11.43395	1.2536
TCR007-1666-12	12	958mm	3027	887	5739	1682	12.4734	1.2536
TCR007-1666-13	13	1035mm	3279	961	6220	1823	13.51285	1.2536
TCR007-1666-14	14	1112mm	3532	1035	6698	1963	14.5523	1.2536
TCR007-1666-15	15	1189mm	3784	1109	7176	2103	15.59175	1.2536
TCR007-1666-16	16	1266mm	4033	1182	7653	2243	16.6312	1.2536
TCR007-1666-17	17	1343mm	4286	1256	8131	2383	17.67065	1.2536
TCR007-1666-18	18	1420mm	4538	1330	8612	2524	18.7101	1.2536
TCR007-1666-19	19	1497mm	4791	1404	9090	2664	19.74955	1.2536
TCR007-1666-20	20	1574mm	5043	1478	9568	2804	20.789	1.2536
TCR007-1666-21	21	1651mm	5296	1552	10045	2944	21.82845	1.2536
TCR007-1666-22	22	1728mm	5548	1626	10523	3084	22.8679	1.2536
TCR007-1666-23	23	1805mm	5801	1700	11004	3225	23.90735	1.2536
TCR007-1666-24	24	1882mm	6053	1774	11482	3365	24.9468	1.2536
TCR007-1666-25	25	1959mm	6306	1848	11960	3505	25.98625	1.2536
TCR007-1666-26	26	2036mm	6555	1921	12437	3645	27.0257	1.2536
TCR007-1666-27	27	2113mm	6807	1995	12915	3785	28.06515	1.2536
TCR007-1666-28	28	2190mm	7060	2069	13396	3926	29.1046	1.2536
TCR007-1666-29	29	2267mm	7312	2143	13874	4066	30.14405	1.2536
TCR007-1666-30	30	2344mm	7565	2217	14351	4206	31.1835	1.2536