Declaration of Performance

No. 083 30052018

CARSINGTON 1490MM

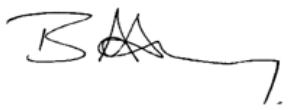
Unique Product Code:	**TCR010**
Type, batch or serial number:	**TCR010-1490**
Intended use of the construction product:	Heat emitters for central heating systems to be supplied with hot water or steam below 120°C from a remote heat source.
Manufacturer:	Jig UK Ltd, Hurlingham Business Park, Fulbeck Heath, 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:	**607398A8PS**

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
TCR010-1490-03	3	229mm	635	186	1198	351	2.71908	1.2425
TCR010-1490-04	4	294mm	846	248	1597	468	3.62544	1.2425
TCR010-1490-05	5	359mm	1058	310	1996	585	4.5318	1.2425
TCR010-1490-06	6	424mm	1269	372	2395	702	5.43816	1.2425
TCR010-1490-07	7	489mm	1481	434	2795	819	6.34452	1.2425
TCR010-1490-08	8	554mm	1692	496	3194	936	7.25088	1.2425
TCR010-1490-09	9	619mm	1904	558	3593	1053	8.15724	1.2425
TCR010-1490-10	10	684mm	2116	620	3992	1170	9.0636	1.2425
TCR010-1490-11	11	749mm	2327	682	4391	1287	9.96996	1.2425
TCR010-1490-12	12	814mm	2539	744	4791	1404	10.87632	1.2425
TCR010-1490-13	13	879mm	2750	806	5190	1521	11.78268	1.2425
TCR010-1490-14	14	944mm	2962	868	5589	1638	12.68904	1.2425
TCR010-1490-15	15	1009mm	3173	930	5988	1755	13.5954	1.2425
TCR010-1490-16	16	1074mm	3385	992	6388	1872	14.50176	1.2425
TCR010-1490-17	17	1139mm	3596	1054	6787	1989	15.40812	1.2425
TCR010-1490-18	18	1204mm	3808	1116	7186	2106	16.31448	1.2425
TCR010-1490-19	19	1269mm	4020	1178	7585	2223	17.22084	1.2425
TCR010-1490-20	20	1334mm	4231	1240	7984	2340	18.1272	1.2425
TCR010-1490-21	21	1399mm	4443	1302	8384	2457	19.03356	1.2425
TCR010-1490-22	22	1464mm	4654	1364	8783	2574	19.93992	1.2425
TCR010-1490-23	23	1529mm	4866	1426	9182	2691	20.84628	1.2425
TCR010-1490-24	24	1594mm	5077	1488	9581	2808	21.75264	1.2425
TCR010-1490-25	25	1659mm	5289	1550	9981	2925	22.659	1.2425
TCR010-1490-26	26	1724mm	5500	1612	10380	3042	23.56536	1.2425
TCR010-1490-27	27	1789mm	5712	1674	10779	3159	24.47172	1.2425
TCR010-1490-28	28	1854mm	5923	1736	11178	3276	25.37808	1.2425
TCR010-1490-29	29	1919mm	6135	1798	11577	3393	26.28444	1.2425
TCR010-1490-30	30	1984mm	6347	1860	11977	3510	27.1908	1.2425