Declaration of Performance

No. 044 09032017

DECO 795MM

Unique Product Code:	**TBK048/049**
Type, batch or serial number:	**TBK048/049-795**
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:	**59949A9PS**

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
TBK048/049-795-03	3	190mm	416	122	798	234	1.598205	1.2753
TBK048/049-795-04	4	242mm	556	163	1065	312	2.13094	1.2753
TBK048/049-795-05	5	294mm	696	204	1331	390	2.663675	1.2753
TBK048/049-795-06	6	346mm	836	245	1597	468	3.19641	1.2753
TBK048/049-795-07	7	398mm	972	285	1863	546	3.729145	1.2753
TBK048/049-795-08	8	450mm	1112	326	2129	624	4.26188	1.2753
TBK048/049-795-09	9	502mm	1252	367	2395	702	4.794615	1.2753
TBK048/049-795-10	10	554mm	1392	408	2661	780	5.32735	1.2753
TBK048/049-795-11	11	606mm	1529	448	2928	858	5.860085	1.2753
TBK048/049-795-12	12	658mm	1669	489	3194	936	6.39282	1.2753
TBK048/049-795-13	13	710mm	1808	530	3460	1014	6.925555	1.2753
TBK048/049-795-14	14	762mm	1948	571	3726	1092	7.45829	1.2753
TBK048/049-795-15	15	814mm	2085	611	3992	1170	7.991025	1.2753
TBK048/049-795-16	16	866mm	2225	652	4258	1248	8.52376	1.2753
TBK048/049-795-17	17	918mm	2365	693	4524	1326	9.056495	1.2753
TBK048/049-795-18	18	970mm	2505	734	4791	1404	9.58923	1.2753
TBK048/049-795-19	19	1022mm	2641	774	5057	1482	10.121965	1.2753
TBK048/049-795-20	20	1074mm	2781	815	5323	1560	10.6547	1.2753
TBK048/049-795-21	21	1126mm	2921	856	5589	1638	11.187435	1.2753
TBK048/049-795-22	22	1178mm	3061	897	5855	1716	11.72017	1.2753
TBK048/049-795-23	23	1230mm	3197	937	6121	1794	12.252905	1.2753
TBK048/049-795-24	24	1282mm	3337	978	6388	1872	12.78564	1.2753
TBK048/049-795-25	25	1334mm	3477	1019	6654	1950	13.318375	1.2753
TBK048/049-795-26	26	1386mm	3617	1060	6920	2028	13.85111	1.2753
TBK048/049-795-27	27	1438mm	3753	1100	7186	2106	14.383845	1.2753
TBK048/049-795-28	28	1490mm	3893	1141	7452	2184	14.91658	1.2753
TBK048/049-795-29	29	1542mm	4033	1182	7718	2262	15.449315	1.2753
TBK048/049-795-30	30	1594mm	4173	1223	7984	2340	15.98205	1.2753