Declaration of Performance

No. 045 09032017

DECO 585MM

Unique Product Code:	**TBK050/051**
Type, batch or serial number:	**TBK050/051-585**
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:	**59949a23ps**

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
TBK050/051-585-03	3	190mm	321	94	604	177	1.38807	1.2402
TBK050/051-585-04	4	242mm	430	126	805	236	1.85076	1.2402
TBK050/051-585-05	5	294mm	536	157	1007	295	2.31345	1.2402
TBK050/051-585-06	6	346mm	641	188	1208	354	2.77614	1.2402
TBK050/051-585-07	7	398mm	751	220	1409	413	3.23883	1.2402
TBK050/051-585-08	8	450mm	856	251	1611	472	3.70152	1.2402
TBK050/051-585-09	9	502mm	966	283	1812	531	4.16421	1.2402
TBK050/051-585-10	10	554mm	1071	314	2013	590	4.6269	1.2402
TBK050/051-585-11	11	606mm	1177	345	2214	649	5.08959	1.2402
TBK050/051-585-12	12	658mm	1286	377	2416	708	5.55228	1.2402
TBK050/051-585-13	13	710mm	1392	408	2617	767	6.01497	1.2402
TBK050/051-585-14	14	762mm	1501	440	2818	826	6.47766	1.2402
TBK050/051-585-15	15	814mm	1607	471	3020	885	6.94035	1.2402
TBK050/051-585-16	16	866mm	1713	502	3221	944	7.40304	1.2402
TBK050/051-585-17	17	918mm	1822	534	3422	1003	7.86573	1.2402
TBK050/051-585-18	18	970mm	1928	565	3624	1062	8.32842	1.2402
TBK050/051-585-19	19	1022mm	2037	597	3825	1121	8.79111	1.2402
TBK050/051-585-20	20	1074mm	2143	628	4026	1180	9.2538	1.2402
TBK050/051-585-21	21	1126mm	2249	659	4228	1239	9.71649	1.2402
TBK050/051-585-22	22	1178mm	2358	691	4429	1298	10.17918	1.2402
TBK050/051-585-23	23	1230mm	2464	722	4630	1357	10.64187	1.2402
TBK050/051-585-24	24	1282mm	2573	754	4832	1416	11.10456	1.2402
TBK050/051-585-25	25	1334mm	2679	785	5033	1475	11.56725	1.2402
TBK050/051-585-26	26	1386mm	2784	816	5234	1534	12.02994	1.2402
TBK050/051-585-27	27	1438mm	2893	848	5436	1593	12.49263	1.2402
TBK050/051-585-28	28	1490mm	2999	879	5637	1652	12.95532	1.2402
TBK050/051-585-29	29	1542mm	3108	911	5838	1711	13.41801	1.2402
TBK050/051-585-30	30	1594mm	3214	942	6039	1770	13.8807	1.2402