Declaration of Performance

No. 024 09032017

RIBBON 4 COLUMN 810MM

Unique Product Code:	**TBK130/131**
Type, batch or serial number:	**TBK130/131-810**
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:	**59949A32PS**

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
TBK130/131-810-03	3	247mm	870	255	1740	510	2.55024	1.3538
TBK130/131-810-04	4	318mm	1160	340	2320	680	3.40032	1.3538
TBK130/131-810-05	5	389mm	1450	425	2900	850	4.2504	1.3538
TBK130/131-810-06	6	460mm	1740	510	3480	1020	5.10048	1.3538
TBK130/131-810-07	7	531mm	2030	595	4060	1190	5.95056	1.3538
TBK130/131-810-08	8	602mm	2317	679	4641	1360	6.80064	1.3538
TBK130/131-810-09	9	673mm	2607	764	5221	1530	7.65072	1.3538
TBK130/131-810-10	10	744mm	2897	849	5801	1700	8.5008	1.3538
TBK130/131-810-11	11	815mm	3187	934	6381	1870	9.35088	1.3538
TBK130/131-810-12	12	886mm	3477	1019	6961	2040	10.20096	1.3538
TBK130/131-810-13	13	957mm	3767	1104	7541	2210	11.05104	1.3538
TBK130/131-810-14	14	1028mm	4057	1189	8121	2380	11.90112	1.3538
TBK130/131-810-15	15	1099mm	4347	1274	8701	2550	12.7512	1.3538
TBK130/131-810-16	16	1170mm	4637	1359	9281	2720	13.60128	1.3538
TBK130/131-810-17	17	1241mm	4927	1444	9861	2890	14.45136	1.3538
TBK130/131-810-18	18	1312mm	5217	1529	10441	3060	15.30144	1.3538
TBK130/131-810-19	19	1383mm	5507	1614	11021	3230	16.15152	1.3538
TBK130/131-810-20	20	1454mm	5797	1699	11601	3400	17.0016	1.3538
TBK130/131-810-21	21	1525mm	6087	1784	12181	3570	17.85168	1.3538
TBK130/131-810-22	22	1596mm	6374	1868	12761	3740	18.70176	1.3538
TBK130/131-810-23	23	1667mm	6664	1953	13341	3910	19.55184	1.3538
TBK130/131-810-24	24	1738mm	6954	2038	13922	4080	20.40192	1.3538
TBK130/131-810-25	25	1809mm	7244	2123	14502	4250	21.252	1.3538
TBK130/131-810-26	26	1880mm	7534	2208	15082	4420	22.10208	1.3538
TBK130/131-810-27	27	1951mm	7824	2293	15662	4590	22.95216	1.3538
TBK130/131-810-28	28	2022mm	8114	2378	16242	4760	23.80224	1.3538
TBK130/131-810-29	29	2093mm	8404	2463	16822	4930	24.65232	1.3538
TBK130/131-810-30	30	2164mm	8694	2548	17402	5100	25.5024	1.3538