Declaration of Performance

No. 100 07042021

RIBBON 4 COLUMN 530MM

Unique Product Code:	**TBK114/115**
Type, batch or serial number:	**TBK114/115-530**
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:	**102914A1PS**

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)	$Ø = Km \cdot \Delta T^n$ 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
TBK114/115-530-03	3	247mm	594	174	1140	334	2.25975	1.2769
TBK114/115-530-04	4	318mm	792	232	1518	445	3.013	1.2769
TBK114/115-530-05	5	389mm	990	290	1897	556	3.76625	1.2769
TBK114/115-530-06	6	460mm	1187	348	2279	668	4.5195	1.2769
TBK114/115-530-07	7	531mm	1385	406	2658	779	5.27275	1.2769
TBK114/115-530-08	8	602mm	1580	463	3037	890	6.026	1.2769
TBK114/115-530-09	9	673mm	1778	521	3419	1002	6.77925	1.2769
TBK114/115-530-10	10	744mm	1976	579	3798	1113	7.5325	1.2769
TBK114/115-530-11	11	815mm	2174	637	4176	1224	8.28575	1.2769
TBK114/115-530-12	12	886mm	2371	695	4555	1335	9.039	1.2769
TBK114/115-530-13	13	957mm	2569	753	4937	1447	9.79225	1.2769
TBK114/115-530-14	14	1028mm	2767	811	5316	1558	10.5455	1.2769
TBK114/115-530-15	15	1099mm	2965	869	5695	1669	11.29875	1.2769
TBK114/115-530-16	16	1170mm	3163	927	6077	1781	12.052	1.2769
TBK114/115-530-17	17	1241mm	3361	985	6456	1892	12.80525	1.2769
TBK114/115-530-18	18	1312mm	3559	1043	6835	2003	13.5585	1.2769
TBK114/115-530-19	19	1383mm	3757	1101	7217	2115	14.31175	1.2769
TBK114/115-530-20	20	1454mm	3955	1159	7595	2226	15.065	1.2769
TBK114/115-530-21	21	1525mm	4153	1217	7974	2337	15.81825	1.2769
TBK114/115-530-22	22	1596mm	4347	1274	8353	2448	16.5715	1.2769
TBK114/115-530-23	23	1667mm	4545	1332	8735	2560	17.32475	1.2769
TBK114/115-530-24	24	1738mm	4743	1390	9114	2671	18.078	1.2769
TBK114/115-530-25	25	1809mm	4941	1448	9493	2782	18.83125	1.2769
TBK114/115-530-26	26	1880mm	5139	1506	9875	2894	19.5845	1.2769
TBK114/115-530-27	27	1951mm	5337	1564	10253	3005	20.33775	1.2769
TBK114/115-530-28	28	2022mm	5534	1622	10632	3116	21.091	1.2769
TBK114/115-530-29	29	2093mm	5732	1680	11011	3227	21.84425	1.2769
TBK114/115-530-30	30	2164mm	5930	1738	11393	3339	22.5975	1.2769