Declaration of Performance

No. 101 14062022

RATHMELL 2 COLUMN 1030MM

Unique Product Code:	**TBK137/138**
Type, batch or serial number:	**TBK137/138-1030**
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:	**104197A1TW**

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
TBK137/138-1030-03	3	220mm	450	132	867	254	1.7037882	1.2795
TBK137/138-1030-04	4	282mm	601	176	1157	339	2.2717176	1.2795
TBK137/138-1030-05	5	344mm	754	221	1447	424	2.8396471	1.2795
TBK137/138-1030-06	6	406mm	904	265	1737	509	3.4075765	1.2795
TBK137/138-1030-07	7	468mm	1054	309	2023	593	3.9755059	1.2795
TBK137/138-1030-08	8	530mm	1204	353	2313	678	4.5434353	1.2795
TBK137/138-1030-09	9	592mm	1355	397	2603	763	5.1113647	1.2795
TBK137/138-1030-10	10	654mm	1505	441	2893	848	5.6792941	1.2795
TBK137/138-1030-11	11	716mm	1655	485	3180	932	6.2472235	1.2795
TBK137/138-1030-12	12	778mm	1805	529	3470	1017	6.8151529	1.2795
TBK137/138-1030-13	13	840mm	1959	574	3760	1102	7.3830824	1.2795
TBK137/138-1030-14	14	902mm	2109	618	4050	1187	7.9510118	1.2795
TBK137/138-1030-15	15	964mm	2259	662	4337	1271	8.5189412	1.2795
TBK137/138-1030-16	16	1026mm	2409	706	4627	1356	9.0868706	1.2795
TBK137/138-1030-17	17	1088mm	2559	750	4917	1441	9.6548	1.2795
TBK137/138-1030-18	18	1150mm	2709	794	5207	1526	10.222729	1.2795
TBK137/138-1030-19	19	1212mm	2859	838	5494	1610	10.790659	1.2795
TBK137/138-1030-20	20	1274mm	3010	882	5784	1695	11.358588	1.2795
TBK137/138-1030-21	21	1336mm	3163	927	6074	1780	11.926518	1.2795
TBK137/138-1030-22	22	1398mm	3313	971	6364	1865	12.494447	1.2795
TBK137/138-1030-23	23	1460mm	3463	1015	6650	1949	13.062376	1.2795
TBK137/138-1030-24	24	1522mm	3613	1059	6940	2034	13.630306	1.2795
TBK137/138-1030-25	25	1584mm	3764	1103	7230	2119	14.198235	1.2795
TBK137/138-1030-26	26	1646mm	3914	1147	7520	2204	14.766165	1.2795
TBK137/138-1030-27	27	1708mm	4064	1191	7810	2289	15.334094	1.2795
TBK137/138-1030-28	28	1770mm	4214	1235	8097	2373	15.902024	1.2795
TBK137/138-1030-29	29	1832mm	4364	1279	8387	2458	16.469953	1.2795
TBK137/138-1030-30	30	1894mm	4518	1324	8677	2543	17.037882	1.2795