Declaration of Performance

No. 087 300119

RATHMELL 4 COLUMN 665MM

Unique Product Code:	**TBK067/068**
Type, batch or serial number:	**TBK067/068-665**
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:	**100045A1PS**

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
TBK067/068-665-03	3	223mm	450	132	867	254	1.65762	1.2864
TBK067/068-665-04	4	286mm	601	176	1157	339	2.21016	1.2864
TBK067/068-665-05	5	349mm	751	220	1447	424	2.7627	1.2864
TBK067/068-665-06	6	412mm	897	263	1733	508	3.31524	1.2864
TBK067/068-665-07	7	475mm	1048	307	2023	593	3.86778	1.2864
TBK067/068-665-08	8	538mm	1198	351	2313	678	4.42032	1.2864
TBK067/068-665-09	9	601mm	1348	395	2600	762	4.97286	1.2864
TBK067/068-665-10	10	664mm	1498	439	2890	847	5.5254	1.2864
TBK067/068-665-11	11	727mm	1648	483	3180	932	6.07794	1.2864
TBK067/068-665-12	12	790mm	1798	527	3467	1016	6.63048	1.2864
TBK067/068-665-13	13	853mm	1948	571	3757	1101	7.18302	1.2864
TBK067/068-665-14	14	916mm	2098	615	4047	1186	7.73556	1.2864
TBK067/068-665-15	15	979mm	2249	659	4337	1271	8.2881	1.2864
TBK067/068-665-16	16	1042mm	2395	702	4623	1355	8.84064	1.2864
TBK067/068-665-17	17	1105mm	2545	746	4913	1440	9.39318	1.2864
TBK067/068-665-18	18	1168mm	2696	790	5204	1525	9.94572	1.2864
TBK067/068-665-19	19	1231mm	2846	834	5490	1609	10.49826	1.2864
TBK067/068-665-20	20	1294mm	2996	878	5780	1694	11.0508	1.2864
TBK067/068-665-21	21	1357mm	3146	922	6070	1779	11.60334	1.2864
TBK067/068-665-22	22	1420mm	3296	966	6357	1863	12.15588	1.2864
TBK067/068-665-23	23	1483mm	3446	1010	6647	1948	12.70842	1.2864
TBK067/068-665-24	24	1546mm	3596	1054	6937	2033	13.26096	1.2864
TBK067/068-665-25	25	1609mm	3747	1098	7227	2118	13.8135	1.2864
TBK067/068-665-26	26	1672mm	3893	1141	7514	2202	14.36604	1.2864
TBK067/068-665-27	27	1735mm	4043	1185	7804	2287	14.91858	1.2864
TBK067/068-665-28	28	1798mm	4194	1229	8094	2372	15.47112	1.2864
TBK067/068-665-29	29	1861mm	4344	1273	8380	2456	16.02366	1.2864
TBK067/068-665-30	30	1924mm	4494	1317	8670	2541	16.5762	1.2864