Declaration of Performance

No. 096 151019

RATHMELL 9 COLUMN 340MM

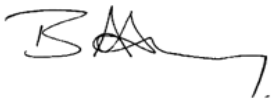
Unique Product Code:	**TBK070/071**
Type, batch or serial number:	**TBK070/071-340**
Intended use of the construction product:	Heat emitters for central heating systems to be supplied with hot water or steam below 120°C from a remote heat source.
Manufacturer:	Jig UK Ltd, Hurlingham Business Park, Fulbeck 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:	**101029A3PS**

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
TBK070/071-340-03	3	220mm	543	159	1044	306	0	0
TBK070/071-340-04	4	282mm	723	212	1392	408	0	0
TBK070/071-340-05	5	344mm	904	265	1740	510	0	0
TBK070/071-340-06	6	406mm	1085	318	2088	612	0	0
TBK070/071-340-07	7	468mm	1266	371	2436	714	0	0
TBK070/071-340-08	8	530mm	1447	424	2784	816	0	0
TBK070/071-340-09	9	592mm	1628	477	3132	918	0	0
TBK070/071-340-10	10	654mm	1808	530	3480	1020	0	0
TBK070/071-340-11	11	716mm	1989	583	3828	1122	0	0
TBK070/071-340-12	12	778mm	2170	636	4176	1224	0	0
TBK070/071-340-13	13	840mm	2351	689	4524	1326	0	0
TBK070/071-340-14	14	902mm	2532	742	4873	1428	0	0
TBK070/071-340-15	15	964mm	2713	795	5221	1530	0	0
TBK070/071-340-16	16	1026mm	2893	848	5569	1632	0	0
TBK070/071-340-17	17	1088mm	3074	901	5917	1734	0	0
TBK070/071-340-18	18	1150mm	3255	954	6265	1836	0	0
TBK070/071-340-19	19	1212mm	3436	1007	6613	1938	0	0
TBK070/071-340-20	20	1274mm	3617	1060	6961	2040	0	0
TBK070/071-340-21	21	1336mm	3798	1113	7309	2142	0	0
TBK070/071-340-22	22	1398mm	3979	1166	7657	2244	0	0
TBK070/071-340-23	23	1460mm	4159	1219	8005	2346	0	0
TBK070/071-340-24	24	1522mm	4340	1272	8353	2448	0	0
TBK070/071-340-25	25	1584mm	4521	1325	8701	2550	0	0
TBK070/071-340-26	26	1646mm	4702	1378	9049	2652	0	0
TBK070/071-340-27	27	1708mm	4883	1431	9397	2754	0	0
TBK070/071-340-28	28	1770mm	5064	1484	9745	2856	0	0
TBK070/071-340-29	29	1832mm	5244	1537	10093	2958	0	0
TBK070/071-340-30	30	1894mm	5425	1590	10441	3060	0	0