Declaration of Performance

No. 098 07042021

RATHMELL 4 COLUMN 810MM

Unique Product Code:	**TBK074/075**
Type, batch or serial number:	**TBK074/075-810**
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:	**102914A2PS**

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
TBK074/075-810-03	3	220mm	539	158	1048	307	1.8972	1.3006
TBK074/075-810-04	4	282mm	720	211	1399	410	2.5296	1.3006
TBK074/075-810-05	5	344mm	901	264	1747	512	3.162	1.3006
TBK074/075-810-06	6	406mm	1082	317	2098	615	3.7944	1.3006
TBK074/075-810-07	7	468mm	1262	370	2447	717	4.4268	1.3006
TBK074/075-810-08	8	530mm	1440	422	2798	820	5.0592	1.3006
TBK074/075-810-09	9	592mm	1621	475	3146	922	5.6916	1.3006
TBK074/075-810-10	10	654mm	1802	528	3497	1025	6.324	1.3006
TBK074/075-810-11	11	716mm	1982	581	3845	1127	6.9564	1.3006
TBK074/075-810-12	12	778mm	2163	634	4197	1230	7.5888	1.3006
TBK074/075-810-13	13	840mm	2341	686	4545	1332	8.2212	1.3006
TBK074/075-810-14	14	902mm	2522	739	4896	1435	8.8536	1.3006
TBK074/075-810-15	15	964mm	2702	792	5244	1537	9.486	1.3006
TBK074/075-810-16	16	1026mm	2883	845	5596	1640	10.1184	1.3006
TBK074/075-810-17	17	1088mm	3064	898	5944	1742	10.7508	1.3006
TBK074/075-810-18	18	1150mm	3242	950	6292	1844	11.3832	1.3006
TBK074/075-810-19	19	1212mm	3422	1003	6643	1947	12.0156	1.3006
TBK074/075-810-20	20	1274mm	3603	1056	6991	2049	12.648	1.3006
TBK074/075-810-21	21	1336mm	3784	1109	7343	2152	13.2804	1.3006
TBK074/075-810-22	22	1398mm	3965	1162	7691	2254	13.9128	1.3006
TBK074/075-810-23	23	1460mm	4142	1214	8042	2357	14.5452	1.3006
TBK074/075-810-24	24	1522mm	4323	1267	8390	2459	15.1776	1.3006
TBK074/075-810-25	25	1584mm	4504	1320	8742	2562	15.81	1.3006
TBK074/075-810-26	26	1646mm	4685	1373	9090	2664	16.4424	1.3006
TBK074/075-810-27	27	1708mm	4866	1426	9441	2767	17.0748	1.3006
TBK074/075-810-28	28	1770mm	5043	1478	9789	2869	17.7072	1.3006
TBK074/075-810-29	29	1832mm	5224	1531	10141	2972	18.3396	1.3006
TBK074/075-810-30	30	1894mm	5405	1584	10489	3074	18.972	1.3006