Declaration of Performance

No. 099 07042021

RATHMELL 6 COLUMN 810MM

Unique Product Code:	**TBK078/079**
Type, batch or serial number:	**TBK078/079-810**
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:	**102914A3PS**

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
TBK078/079-810-03	3	223mm	775	227	1529	448	2.425425	1.334
TBK078/079-810-04	4	286mm	1030	302	2037	597	3.2339	1.334
TBK078/079-810-05	5	349mm	1290	378	2549	747	4.042375	1.334
TBK078/079-810-06	6	412mm	1546	453	3057	896	4.85085	1.334
TBK078/079-810-07	7	475mm	1805	529	3566	1045	5.659325	1.334
TBK078/079-810-08	8	538mm	2061	604	4074	1194	6.4678	1.334
TBK078/079-810-09	9	601mm	2320	680	4586	1344	7.276275	1.334
TBK078/079-810-10	10	664mm	2576	755	5094	1493	8.08475	1.334
TBK078/079-810-11	11	727mm	2835	831	5603	1642	8.893225	1.334
TBK078/079-810-12	12	790mm	3091	906	6115	1792	9.7017	1.334
TBK078/079-810-13	13	853mm	3351	982	6623	1941	10.510175	1.334
TBK078/079-810-14	14	916mm	3607	1057	7131	2090	11.31865	1.334
TBK078/079-810-15	15	979mm	3866	1133	7643	2240	12.127125	1.334
TBK078/079-810-16	16	1042mm	4122	1208	8152	2389	12.9356	1.334
TBK078/079-810-17	17	1105mm	4381	1284	8660	2538	13.744075	1.334
TBK078/079-810-18	18	1168mm	4637	1359	9172	2688	14.55255	1.334
TBK078/079-810-19	19	1231mm	4896	1435	9680	2837	15.361025	1.334
TBK078/079-810-20	20	1294mm	5152	1510	10189	2986	16.1695	1.334
TBK078/079-810-21	21	1357mm	5412	1586	10700	3136	16.977975	1.334
TBK078/079-810-22	22	1420mm	5668	1661	11209	3285	17.78645	1.334
TBK078/079-810-23	23	1483mm	5927	1737	11717	3434	18.594925	1.334
TBK078/079-810-24	24	1546mm	6183	1812	12226	3583	19.4034	1.334
TBK078/079-810-25	25	1609mm	6442	1888	12738	3733	20.211875	1.334
TBK078/079-810-26	26	1672mm	6698	1963	13246	3882	21.02035	1.334
TBK078/079-810-27	27	1735mm	6957	2039	13754	4031	21.828825	1.334
TBK078/079-810-28	28	1798mm	7213	2114	14266	4181	22.6373	1.334
TBK078/079-810-29	29	1861mm	7473	2190	14775	4330	23.445775	1.334
TBK078/079-810-30	30	1924mm	7728	2265	15283	4479	24.25425	1.334