# Declaration of Performance

**No. 095 151019**

**RATHMELL 6 COLUMN 460MM**

| | |
|---|---|
| Unique Product Code: | **TBK076/077** |
| Type, batch or serial number: | **TBK076/077-460** |
| 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: | **101029A2PS** |

## 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].<br>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 |
|---|---|---|---|---|---|---|---|---|
| TBK076/077-460-03 | 3 | 223mm | 440 | 129 | 839 | 246 | 0 | 0 |
| TBK076/077-460-04 | 4 | 286mm | 587 | 172 | 1119 | 328 | 0 | 0 |
| TBK076/077-460-05 | 5 | 349mm | 734 | 215 | 1399 | 410 | 0 | 0 |
| TBK076/077-460-06 | 6 | 412mm | 880 | 258 | 1679 | 492 | 0 | 0 |
| TBK076/077-460-07 | 7 | 475mm | 1027 | 301 | 1959 | 574 | 0 | 0 |
| TBK076/077-460-08 | 8 | 538mm | 1174 | 344 | 2238 | 656 | 0 | 0 |
| TBK076/077-460-09 | 9 | 601mm | 1320 | 387 | 2518 | 738 | 0 | 0 |
| TBK076/077-460-10 | 10 | 664mm | 1467 | 430 | 2798 | 820 | 0 | 0 |
| TBK076/077-460-11 | 11 | 727mm | 1614 | 473 | 3078 | 902 | 0 | 0 |
| TBK076/077-460-12 | 12 | 790mm | 1761 | 516 | 3358 | 984 | 0 | 0 |
| TBK076/077-460-13 | 13 | 853mm | 1907 | 559 | 3637 | 1066 | 0 | 0 |
| TBK076/077-460-14 | 14 | 916mm | 2054 | 602 | 3917 | 1148 | 0 | 0 |
| TBK076/077-460-15 | 15 | 979mm | 2201 | 645 | 4197 | 1230 | 0 | 0 |
| TBK076/077-460-16 | 16 | 1042mm | 2348 | 688 | 4477 | 1312 | 0 | 0 |
| TBK076/077-460-17 | 17 | 1105mm | 2494 | 731 | 4757 | 1394 | 0 | 0 |
| TBK076/077-460-18 | 18 | 1168mm | 2641 | 774 | 5036 | 1476 | 0 | 0 |
| TBK076/077-460-19 | 19 | 1231mm | 2788 | 817 | 5316 | 1558 | 0 | 0 |
| TBK076/077-460-20 | 20 | 1294mm | 2934 | 860 | 5596 | 1640 | 0 | 0 |
| TBK076/077-460-21 | 21 | 1357mm | 3081 | 903 | 5876 | 1722 | 0 | 0 |
| TBK076/077-460-22 | 22 | 1420mm | 3228 | 946 | 6156 | 1804 | 0 | 0 |
| TBK076/077-460-23 | 23 | 1483mm | 3375 | 989 | 6435 | 1886 | 0 | 0 |
| TBK076/077-460-24 | 24 | 1546mm | 3521 | 1032 | 6715 | 1968 | 0 | 0 |
| TBK076/077-460-25 | 25 | 1609mm | 3668 | 1075 | 6995 | 2050 | 0 | 0 |
| TBK076/077-460-26 | 26 | 1672mm | 3815 | 1118 | 7275 | 2132 | 0 | 0 |
| TBK076/077-460-27 | 27 | 1735mm | 3961 | 1161 | 7554 | 2214 | 0 | 0 |
| TBK076/077-460-28 | 28 | 1798mm | 4108 | 1204 | 7834 | 2296 | 0 | 0 |
| TBK076/077-460-29 | 29 | 1861mm | 4255 | 1247 | 8114 | 2378 | 0 | 0 |
| TBK076/077-460-30 | 30 | 1924mm | 4402 | 1290 | 8394 | 2460 | 0 | 0 |