# Declaration of Performance

No. 202009-1097

Mercury 3 Column 560mm

| | |
|---|---|
| **Unique product code:** | CI-M3C-560 |
| **Type, batch or serial number:** | CI-M3C-560 |
| **Intended use of the construction product:** | In heating systems in buildings |
| **Manufacturer:** | Castrads Ltd<br>1 Kenwood Road North Reddish SK5 6PH, Manchester, United Kingdom |
| **System of AVCP:** | System 3 |
| **Harmonized standard:** | EN 442-1:2014 |
| **Notified body:** | BSRIA |
| **Test report number:** | 101534 |

## Declared performance

| Essential characteristics | Performance | Harmonised 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: 1000 [kPa] | |
| Rated thermal outputs | See appendix 1 | |
| Thermal output in different operating conditions (characteristic curve) | $\varphi = Km \bullet \Delta T^{n}$.<br>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:**
Nicholas Baylis
CEO
Stockport, England
17th November 2026



Castrads®

## Appendix to DOP No. 202009-1097: Dimensions and thermal outputs

Panel dimensions: 560mm high when floor standing, 101mm deep for all numbers of sections. See table for length.

| SKU | Num of sec. | Length, mm | Output (Watts, DT50) | Output (Watts, DT30) | Factor, Km | Exponent, n |
|---|---|---|---|---|---|---|
| CI-M3C-560-03 | 3 | 205 | 161 | 85 | 1.237 | 1.2451 |
| CI-M3C-560-04 | 4 | 263 | 215 | 114 | 1.649 | 1.2451 |
| CI-M3C-560-05 | 5 | 322 | 269 | 142 | 2.061 | 1.2451 |
| CI-M3C-560-06 | 6 | 380 | 323 | 171 | 2.473 | 1.2451 |
| CI-M3C-560-07 | 7 | 438 | 376 | 199 | 2.885 | 1.2451 |
| CI-M3C-560-08 | 8 | 496 | 430 | 228 | 3.298 | 1.2451 |
| CI-M3C-560-09 | 9 | 555 | 484 | 256 | 3.710 | 1.2451 |
| CI-M3C-560-10 | 10 | 613 | 538 | 285 | 4.122 | 1.2451 |
| CI-M3C-560-11 | 11 | 671 | 591 | 313 | 4.534 | 1.2451 |
| CI-M3C-560-12 | 12 | 730 | 645 | 342 | 4.946 | 1.2451 |
| CI-M3C-560-13 | 13 | 788 | 699 | 370 | 5.359 | 1.2451 |
| CI-M3C-560-14 | 14 | 846 | 753 | 398 | 5.771 | 1.2451 |
| CI-M3C-560-15 | 15 | 905 | 806 | 427 | 6.183 | 1.2451 |
| CI-M3C-560-16 | 16 | 963 | 860 | 455 | 6.595 | 1.2451 |
| CI-M3C-560-17 | 17 | 1021 | 914 | 484 | 7.007 | 1.2451 |
| CI-M3C-560-18 | 18 | 1079 | 968 | 512 | 7.420 | 1.2451 |
| CI-M3C-560-19 | 19 | 1138 | 1022 | 541 | 7.832 | 1.2451 |
| CI-M3C-560-20 | 20 | 1196 | 1075 | 569 | 8.244 | 1.2451 |
| CI-M3C-560-21 | 21 | 1254 | 1129 | 598 | 8.656 | 1.2451 |
| CI-M3C-560-22 | 22 | 1313 | 1183 | 626 | 9.068 | 1.2451 |
| CI-M3C-560-23 | 23 | 1371 | 1237 | 655 | 9.481 | 1.2451 |
| CI-M3C-560-24 | 24 | 1429 | 1290 | 683 | 9.893 | 1.2451 |
| CI-M3C-560-25 | 25 | 1488 | 1344 | 712 | 10.305 | 1.2451 |
| CI-M3C-560-26 | 26 | 1546 | 1398 | 740 | 10.717 | 1.2451 |
| CI-M3C-560-27 | 27 | 1604 | 1452 | 768 | 11.129 | 1.2451 |
| CI-M3C-560-28 | 28 | 1662 | 1505 | 797 | 11.542 | 1.2451 |
| CI-M3C-560-29 | 29 | 1721 | 1559 | 825 | 11.954 | 1.2451 |
| CI-M3C-560-30 | 30 | 1779 | 1613 | 854 | 12.366 | 1.2451 |
| CI-M3C-560-31 | 31 | 1837 | 1667 | 882 | 12.778 | 1.2451 |
| CI-M3C-560-32 | 32 | 1896 | 1720 | 911 | 13.190 | 1.2451 |
| CI-M3C-560-33 | 33 | 1954 | 1774 | 939 | 13.603 | 1.2451 |
| CI-M3C-560-34 | 34 | 2012 | 1828 | 968 | 14.015 | 1.2451 |
| CI-M3C-560-35 | 35 | 2071 | 1882 | 996 | 14.427 | 1.2451 |
| CI-M3C-560-36 | 36 | 2129 | 1936 | 1025 | 14.839 | 1.2451 |
| CI-M3C-560-37 | 37 | 2187 | 1989 | 1053 | 15.251 | 1.2451 |
| CI-M3C-560-38 | 38 | 2245 | 2043 | 1082 | 15.664 | 1.2451 |
| CI-M3C-560-39 | 39 | 2304 | 2097 | 1110 | 16.076 | 1.2451 |
| CI-M3C-560-40 | 40 | 2362 | 2151 | 1138 | 16.488 | 1.2451 |