

Castrads®

Declaration of Performance

No. 202009-1096

Mercury 2 Column 960mm

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|--|--|
| Unique product code: | CI-M2C-960 |
| Type, batch or serial number: | CI-M2C-960 |
| Intended use of the construction product: | In heating systems in buildings |
| Manufacturer: | Castrads Ltd 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 | |
| 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: 1000 [kPa] | EN 442-1:2014 |
| Rated thermal outputs | See appendix 1 | |
| Thermal output in different operating conditions (characteristic curve) | $\phi = K_m \cdot \Delta T^n$. See appendix for factor K_m 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
9th May 2026





Appendix to DOP No. 202009-1096: Dimensions and thermal outputs

Panel dimensions: 960mm high when floor standing, 70mm 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-M2C-960-03 | 3 | 205 | 221 | 114 | 1.371 | 1.2991 |
| CI-M2C-960-04 | 4 | 263 | 295 | 152 | 1.828 | 1.2991 |
| CI-M2C-960-05 | 5 | 322 | 368 | 190 | 2.285 | 1.2991 |
| CI-M2C-960-06 | 6 | 380 | 442 | 227 | 2.742 | 1.2991 |
| CI-M2C-960-07 | 7 | 438 | 515 | 265 | 3.199 | 1.2991 |
| CI-M2C-960-08 | 8 | 496 | 589 | 303 | 3.656 | 1.2991 |
| CI-M2C-960-09 | 9 | 555 | 663 | 341 | 4.113 | 1.2991 |
| CI-M2C-960-10 | 10 | 613 | 736 | 379 | 4.570 | 1.2991 |
| CI-M2C-960-11 | 11 | 671 | 810 | 417 | 5.027 | 1.2991 |
| CI-M2C-960-12 | 12 | 730 | 884 | 455 | 5.484 | 1.2991 |
| CI-M2C-960-13 | 13 | 788 | 957 | 493 | 5.941 | 1.2991 |
| CI-M2C-960-14 | 14 | 846 | 1031 | 531 | 6.398 | 1.2991 |
| CI-M2C-960-15 | 15 | 905 | 1104 | 569 | 6.855 | 1.2991 |
| CI-M2C-960-16 | 16 | 963 | 1178 | 607 | 7.312 | 1.2991 |
| CI-M2C-960-17 | 17 | 1021 | 1252 | 645 | 7.769 | 1.2991 |
| CI-M2C-960-18 | 18 | 1079 | 1325 | 682 | 8.226 | 1.2991 |
| CI-M2C-960-19 | 19 | 1138 | 1399 | 720 | 8.683 | 1.2991 |
| CI-M2C-960-20 | 20 | 1196 | 1473 | 758 | 9.140 | 1.2991 |
| CI-M2C-960-21 | 21 | 1254 | 1546 | 796 | 9.597 | 1.2991 |
| CI-M2C-960-22 | 22 | 1313 | 1620 | 834 | 10.054 | 1.2991 |
| CI-M2C-960-23 | 23 | 1371 | 1693 | 872 | 10.511 | 1.2991 |
| CI-M2C-960-24 | 24 | 1429 | 1767 | 910 | 10.968 | 1.2991 |
| CI-M2C-960-25 | 25 | 1488 | 1841 | 948 | 11.425 | 1.2991 |
| CI-M2C-960-26 | 26 | 1546 | 1914 | 986 | 11.881 | 1.2991 |
| CI-M2C-960-27 | 27 | 1604 | 1988 | 1024 | 12.338 | 1.2991 |
| CI-M2C-960-28 | 28 | 1662 | 2062 | 1062 | 12.795 | 1.2991 |
| CI-M2C-960-29 | 29 | 1721 | 2135 | 1100 | 13.252 | 1.2991 |
| CI-M2C-960-30 | 30 | 1779 | 2209 | 1137 | 13.709 | 1.2991 |
| CI-M2C-960-31 | 31 | 1837 | 2282 | 1175 | 14.166 | 1.2991 |
| CI-M2C-960-32 | 32 | 1896 | 2356 | 1213 | 14.623 | 1.2991 |
| CI-M2C-960-33 | 33 | 1954 | 2430 | 1251 | 15.080 | 1.2991 |
| CI-M2C-960-34 | 34 | 2012 | 2503 | 1289 | 15.537 | 1.2991 |
| CI-M2C-960-35 | 35 | 2071 | 2577 | 1327 | 15.994 | 1.2991 |
| CI-M2C-960-36 | 36 | 2129 | 2651 | 1365 | 16.451 | 1.2991 |
| CI-M2C-960-37 | 37 | 2187 | 2724 | 1403 | 16.908 | 1.2991 |
| CI-M2C-960-38 | 38 | 2245 | 2798 | 1441 | 17.365 | 1.2991 |
| CI-M2C-960-39 | 39 | 2304 | 2871 | 1479 | 17.822 | 1.2991 |
| CI-M2C-960-40 | 40 | 2362 | 2945 | 1517 | 18.279 | 1.2991 |