

 **Castrads**<sup>®</sup>  
**Declaration of Performance**

No. 202009-1134

Rococo II 760mm

|  |  |
|--|--|
| <b>Unique product code:</b>                      | CI-RC2-760   |
| <b>Type, batch or serial number:</b>             | CI-RC2-760   |
| <b>Intended use of the construction product:</b> | In heating systems in buildings  |
| <b>Manufacturer:</b>                             | Castrads Ltd<br>1 Kenwood Road North Reddish SK5 6PH, Manchester, United Kingdom |
| <b>System of AVCP:</b>                           | System 3   |
| <b>Harmonized standard:</b>                      | EN 442-1:2014  |
| <b>Notified body:</b>                            | BSRIA  |
| <b>Test report number:</b>                       | 59847  |

## 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]<br>Maximum operating pressure: 1000 [kPa] | EN 442-1:2014                      |
| Rated thermal outputs   | See appendix 1   |                                    |
| Thermal output in different operating conditions (characteristic curve) | $\phi = K_m \cdot \Delta T^n$ .<br>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  
24th June 2026





## Appendix to DOP No. 202009-1134: Dimensions and thermal outputs

Panel dimensions: 760mm high when floor standing, 215mm 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-RC2-760-03 | 3           | 264        | 345                  | 182                  | 2.583      | 1.2509      |
| CI-RC2-760-04 | 4           | 342        | 460                  | 243                  | 3.445      | 1.2509      |
| CI-RC2-760-05 | 5           | 420        | 574                  | 303                  | 4.306      | 1.2509      |
| CI-RC2-760-06 | 6           | 497        | 689                  | 364                  | 5.167      | 1.2509      |
| CI-RC2-760-07 | 7           | 575        | 804                  | 425                  | 6.028      | 1.2509      |
| CI-RC2-760-08 | 8           | 653        | 919                  | 485                  | 6.889      | 1.2509      |
| CI-RC2-760-09 | 9           | 731        | 1034                 | 546                  | 7.750      | 1.2509      |
| CI-RC2-760-10 | 10          | 809        | 1149                 | 606                  | 8.611      | 1.2509      |
| CI-RC2-760-11 | 11          | 887        | 1264                 | 667                  | 9.472      | 1.2509      |
| CI-RC2-760-12 | 12          | 965        | 1379                 | 728                  | 10.334     | 1.2509      |
| CI-RC2-760-13 | 13          | 1043       | 1494                 | 788                  | 11.195     | 1.2509      |
| CI-RC2-760-14 | 14          | 1121       | 1609                 | 849                  | 12.056     | 1.2509      |
| CI-RC2-760-15 | 15          | 1199       | 1723                 | 910                  | 12.917     | 1.2509      |
| CI-RC2-760-16 | 16          | 1276       | 1838                 | 970                  | 13.778     | 1.2509      |
| CI-RC2-760-17 | 17          | 1354       | 1953                 | 1031                 | 14.639     | 1.2509      |
| CI-RC2-760-18 | 18          | 1432       | 2068                 | 1092                 | 15.500     | 1.2509      |
| CI-RC2-760-19 | 19          | 1510       | 2183                 | 1152                 | 16.361     | 1.2509      |
| CI-RC2-760-20 | 20          | 1588       | 2298                 | 1213                 | 17.223     | 1.2509      |
| CI-RC2-760-21 | 21          | 1666       | 2413                 | 1274                 | 18.084     | 1.2509      |
| CI-RC2-760-22 | 22          | 1744       | 2528                 | 1334                 | 18.945     | 1.2509      |
| CI-RC2-760-23 | 23          | 1822       | 2643                 | 1395                 | 19.806     | 1.2509      |
| CI-RC2-760-24 | 24          | 1900       | 2758                 | 1455                 | 20.667     | 1.2509      |
| CI-RC2-760-25 | 25          | 1978       | 2872                 | 1516                 | 21.528     | 1.2509      |
| CI-RC2-760-26 | 26          | 2055       | 2987                 | 1577                 | 22.389     | 1.2509      |
| CI-RC2-760-27 | 27          | 2133       | 3102                 | 1637                 | 23.251     | 1.2509      |
| CI-RC2-760-28 | 28          | 2211       | 3217                 | 1698                 | 24.112     | 1.2509      |
| CI-RC2-760-29 | 29          | 2289       | 3332                 | 1759                 | 24.973     | 1.2509      |
| CI-RC2-760-30 | 30          | 2367       | 3447                 | 1819                 | 25.834     | 1.2509      |
| CI-RC2-760-31 | 31          | 2445       | 3562                 | 1880                 | 26.695     | 1.2509      |
| CI-RC2-760-32 | 32          | 2523       | 3677                 | 1941                 | 27.556     | 1.2509      |
| CI-RC2-760-33 | 33          | 2601       | 3792                 | 2001                 | 28.417     | 1.2509      |
| CI-RC2-760-34 | 34          | 2679       | 3907                 | 2062                 | 29.278     | 1.2509      |
| CI-RC2-760-35 | 35          | 2757       | 4021                 | 2123                 | 30.140     | 1.2509      |
| CI-RC2-760-36 | 36          | 2834       | 4136                 | 2183                 | 31.001     | 1.2509      |
| CI-RC2-760-37 | 37          | 2912       | 4251                 | 2244                 | 31.862     | 1.2509      |
| CI-RC2-760-38 | 38          | 2990       | 4366                 | 2305                 | 32.723     | 1.2509      |
| CI-RC2-760-39 | 39          | 3068       | 4481                 | 2365                 | 33.584     | 1.2509      |
| CI-RC2-760-40 | 40          | 3146       | 4596                 | 2426                 | 34.445     | 1.2509      |