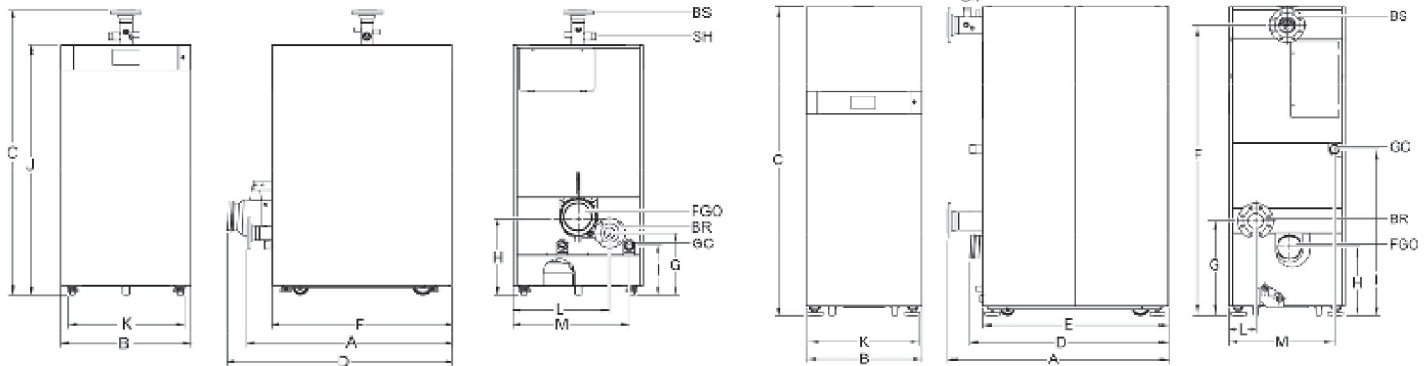


# Technical Information

## VITOCROSSAL 200, CI2

CI2 399, 500, 750, 1000

CI2 1500, 2000



| Model                                      | CI2  | 399   | 500   | 750   | 1000  | 1500  | 2000  |
|--------------------------------------------|------|-------|-------|-------|-------|-------|-------|
| Combustion Efficiency *1                   | %    | 97    | 97    | 96.9  | 96.8  | 96.6  | 96.5  |
| Thermal Efficiency *1                      | %    | 98    | 97.9  | 97.8  | 97.7  | 97.3  | 97    |
| Minimum Input (NG)                         | MBH  | 50    | 50    | 75    | 100   | 50    | 100   |
| Maximum Input (NG)                         | MBH  | 399   | 500   | 750   | 1000  | 1500  | 2000  |
| Output<br>(thermal efficiency)             | MBH  | 391   | 490   | 734   | 977   | 1460  | 1940  |
| <b>Overall Dimensions</b>                  |      |       |       |       |       |       |       |
| Width                                      | in.  | 29½   | 29½   | 29½   | 29½   | 29½   | 29½   |
|                                            | mm   | 750   | 750   | 750   | 750   | 750   | 750   |
| Height                                     | in.  | 64½   | 64½   | 64½   | 64½   | 78¾   | 78¾   |
|                                            | mm   | 1640  | 1640  | 1640  | 1640  | 1998  | 1998  |
| Depth (Length)                             | in.  | 39    | 39    | 47¼   | 47¼   | 56¼   | 56¼   |
|                                            | mm   | 992   | 992   | 1200  | 1200  | 1428  | 1428  |
| Weight<br>(burner, control and insulation) | lbs. | 789   | 789   | 963   | 963   | 1812  | 1969  |
|                                            | kg   | 358   | 358   | 437   | 437   | 822   | 894   |
| Boiler Water Content                       | USG  | 29    | 29    | 50    | 50    | 113   | 99    |
|                                            | L    | 108   | 108   | 189   | 189   | 426   | 376   |
| Heat Exchanger Surface Area                | ft²  | 65.2  | 65.2  | 129.4 | 129.4 | 196.2 | 258.8 |
|                                            | m²   | 6.1   | 6.1   | 12    | 12    | 18.2  | 24    |
| Maximum Operating Pressure                 | psig | 80    | 80    | 80    | 80    | 80    | 80    |
|                                            | bar  | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   |
| Maximum Operating Temperature              | °F   | 210   | 210   | 210   | 210   | 210   | 210   |
|                                            | °C   | 99    | 99    | 99    | 99    | 99    | 99    |
| Flue Outlet Size                           | Ø in | 4     | 4     | 6     | 6     | 6     | 8     |
|                                            | Ø mm | 101.6 | 101.6 | 152.4 | 152.4 | 152.4 | 203.2 |

### LEGEND

- Ⓐ Boiler depth including FGO
- Ⓑ Overall width
- Ⓒ Overall height
- Ⓓ Depth (to boiler FGO)
- Ⓔ Boiler depth (jacketing)
- Ⓕ Height to centerline of BS (1500, 2000)
- Ⓖ Height to centerline of BR
- Ⓗ Height to centerline of boiler FGO
- Ⓚ Width adjustable feet
- Ⓛ Width to centerline of BR
- Ⓜ Width to centerline of boiler GC
- Ⓝ Height to centerline of boiler GC
- Ⓞ Boiler height (jacketing 399, 500, 750, 1000)
- BR Boiler return
- BS Boiler supply
- FGO Flue gas outlet
- GC Gas connection
- SH Safety header

\*1 Tested to ANSI/AHRI Standard 1500 Performance Rating of Commercial Space Heating Boilers / DOE Test Procedure 81 FR89276 / U.S. Standards ANSI Z21.13 / CSA 4.9

