

1.2 - DIMENSIONS AND HYDRAULIC CONNECTIONS OF MODAL BOILERS

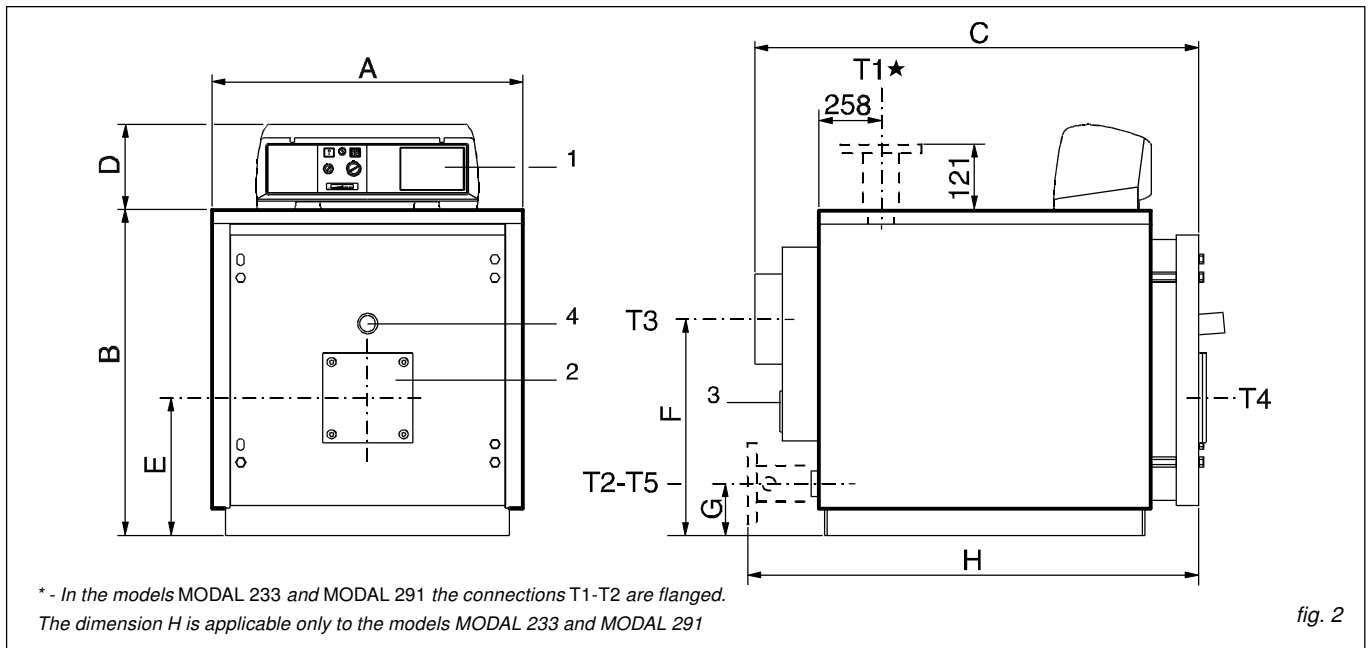


fig. 2

- 1 Panel board
- 2 Burner connecting plate
- 3 Cleaning door

- 4 Sight glass
- T1 C.H. flow
- T2 C.H. return

- T3 Flue connection
- T4 Burner axis
- T5 Boiler drain

| MODAL Type | Output | | DIMENSIONS | | | | | | | CONNECTIONS | | | | | Combustion chamber dimensions Øi x Lg mm | Boiler capacity liters | Water side press. loss(*) m w.c. | Smoke side press. losses mm w.c. | Max. allow. working pressure bar | Weight kg |
|------------|------------------|------------------|------------|---------|---------|---------|---------|---------|---------|-------------|-------------------------------------|---------------|---------------|---------------|--|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------|
| | (kW) kcal/h | (kW) kcal/h | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | T1 - T2 ISO 7/1 UNI 2278 PN16 | T3 Ø mm | T4 Ø mm | T5 ISO 7/1 | | | | | | |
| 64 | (64) 55.000 | (71) 61.000 | 690 | 722 | 990 | 190 | 305 | 480 | 115 | -- | Rp 1½ | 200 | 130 | Rp ¾ | 330 x 670 | 86 | 0,10 | 1,5 | 5 | 195 |
| 76 | (76) 65.000 | (84) 72.000 | 690 | 722 | 990 | 190 | 305 | 480 | 115 | -- | Rp 1½ | 200 | 130 | Rp ¾ | 330 x 670 | 86 | 0,13 | 1,8 | 5 | 195 |
| 93 | (93) 80.000 | (102) 88.000 | 690 | 722 | 990 | 190 | 305 | 480 | 115 | -- | Rp 1½ | 200 | 130 | Rp ¾ | 330 x 670 | 86 | 0,16 | 2,5 | 5 | 195 |
| 105 | (105) 90.000 | (115) 99.000 | 760 | 812 | 1205 | 190 | 350 | 500 | 130 | -- | Rp 2 | 200 | 180 | Rp ¾ | 390 x 850 | 126 | 0,10 | 3 | 5 | 280 |
| 116 | (116) 100.000 | (128) 110.000 | 760 | 812 | 1205 | 190 | 350 | 500 | 130 | -- | Rp 2 | 200 | 180 | Rp ¾ | 390 x 850 | 126 | 0,10 | 3 | 5 | 280 |
| 140 | (140) 120.000 | (155) 133.000 | 760 | 812 | 1205 | 190 | 350 | 500 | 130 | -- | Rp 2 | 200 | 180 | Rp ¾ | 390 x 850 | 126 | 0,14 | 5 | 5 | 280 |
| 163 | (163) 140.000 | (180) 155.000 | 760 | 812 | 1385 | 190 | 350 | 500 | 130 | -- | Rp 2 | 200 | 180 | Rp ¾ | 390 x 1030 | 151 | 0,20 | 8 | 5 | 318 |
| 186 | (186) 160.000 | (206) 177.000 | 760 | 812 | 1385 | 190 | 350 | 500 | 130 | -- | Rp 2 | 200 | 180 | Rp ¾ | 390 x 1030 | 151 | 0,25 | 14 | 5 | 318 |
| 233 | (233) 200.000 | (258) 222.000 | 860 | 937 | 1437 | 190 | 421 | 580 | 165 | 1482 | DN 65 | 250 | 180 | Rp ¾ | 470 x 1070 | 203 | 0,22 | 18 | 5 | 420 |
| 291 | (291) 250.000 | (322) 277.000 | 860 | 937 | 1687 | 190 | 421 | 580 | 165 | 1732 | DN 65 | 250 | 180 | Rp ¾ | 470 x 1320 | 247 | 0,30 | 22 | 5 | 480 |

(*) Pressure losses with a water flow rate related to a delta T of 15 K.

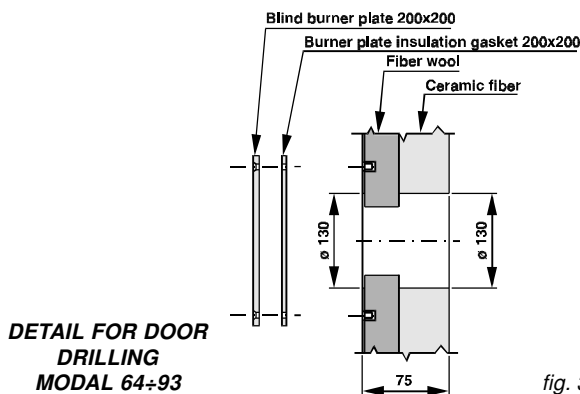


fig. 3

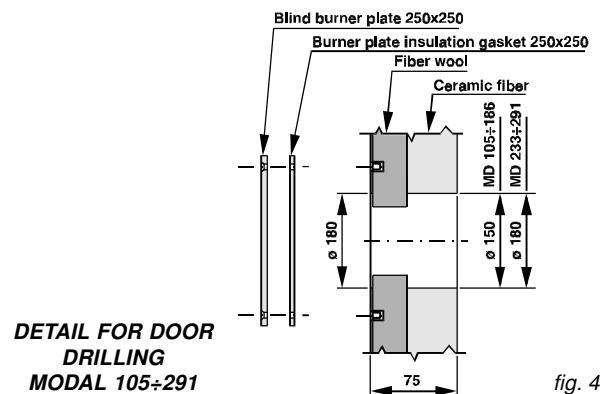


fig. 4