

VIADRUS

power of heating

G700

Floor standing gas/oil boiler dedicated for jet burner



VIADRUS

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G700

Fuel: natural gas, biogas, extra-light fuel oil

Power output: 330 - 750 kW

Boiler characteristic

Uniserial cast-iron boilers of three-draught construction with overpressure combusting chamber are designed especially for heating of middle- and large-sized buildings. They proved themselves to be reliable in service, economical and frugal to environment in combination with recommended types of burners.

Boiler characteristic

- ▶ Long service life and high economy of cast-iron body
- ▶ Disassembled or assembled including a burner delivery
- ▶ Boiler communication with a superior control system
- ▶ Regulation elements can be designed for heating water temp. up to 115 °C (stand. is 90 °C) by request
- ▶ Possibility of boiler connecting into cascade
- ▶ Right/left version of loading door
- ▶ Easily accessible measuring points

Basic technical parameters

| Number of segments | pieces | 10 | 11 | 12 | 13 | 14 | 15 |
|---|--------------------|---------|----------------------------|---------|---------|---------|---------|
| Rated heating power output | kW | 330 | 400 | 470 | 550 | 650 | 750 |
| Rated heating power input | kW | 360 | 438 | 512 | 591 | 710 | 820 |
| Gas consumption – natural gas | m ³ / h | 36,1 | 43,9 | 51,4 | 60,2 | 71,1 | 82,3 |
| Gas consumption – heating oil (TOEL) | kg/h | 30,2 | 36,8 | 43,1 | 50,5 | 58,0 | 65,5 |
| Efficiency | % | 91,5 | 91,5 | 91,5 | 91,5 | 91,5 | 91,5 |
| Water space capacity | l | 252 | 277 | 302 | 327 | 352 | 377 |
| Min/max water working overpressure | bar | | 0,3 - 4,0 (6,0 by request) | | | | |
| Testing water overpressure | bar | min. 8 | min. 8 | min. 8 | min. 8 | min. 8 | min. 8 |
| Chimney draught | Pa | min. 20 | min. 20 | min. 20 | min. 20 | min. 20 | min. 20 |
| Heating and return water connection | - | DN100 | DN100 | DN100 | DN100 | DN100 | DN100 |
| Maximal operation heating water temperature | °C | | 90 (115 by request) | | | | |
| Waste gases temperature | °C | 190 | 190 | 190 | 190 | 190 | 190 |
| Weight | kg | 1660 | 1815 | 1970 | 2125 | 2280 | 2430 |
| Boiler measurements (width/height) | mm | | 904 x 1424 | | | | |
| Boiler measurements (depth) | mm | 1842 | 2142 | 2142 | 2442 | 2442 | 2592 |
| Smoke pipe inside diameter | mm | 250 | 250 | 250 | 300 | 300 | 300 |
| Connecting measurements for burner | mm | | according to burner type | | | | |
| Electric protection | IP | 40 | 40 | 40 | 40 | 40 | 40 |
| Noise level | dB | 55-70 | 55-70 | 55-70 | 55-70 | 55-70 | 55-70 |

Your dealer: