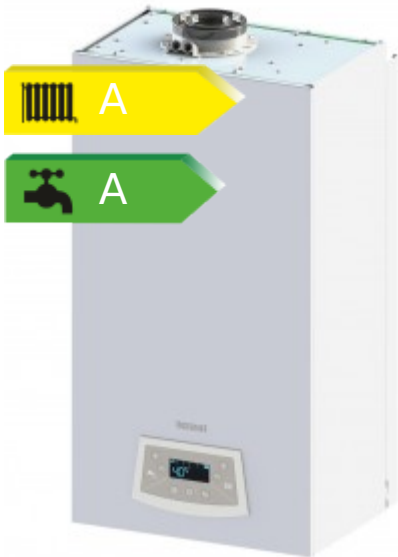




EURO COMFORT



Gas condensing boilers - one of the most modern devices in the European market. Thanks to clear and intuitive control panel these boilers are very easy to use. Wide range of modulation allows the boilers to heat very small areas and objects with low heat demand. An innovative software enables adaptation of the device to any type of installation.

- built-in coaxial adapter Ø60/Ø100 with measuring points
- modern heat exchanger:
 - single spacious coil made of stainless steel
 - resistant to dirt accumulation
 - low hydraulic resistance
- new generation burner provides wide range of modulation (12%-100%)
- high-efficiency modulating pump controlled via PWM signal ($EEL \leq 0,23$) with automatic airvent
- electronically controlled modulating fan
- environmentally friendly: low level of NOx emission (6th class)
- complete system of protection
- modern control panel allows full self-diagnosis and adjustment of boiler parameters to any installation
- system boilers have built-in 3-way valve that ensures boiler cooperation with DHW tank
- system boilers are equipped with tank NTC sensor
- optimised management of the heating system in cooperation with SIM module and/or i-3 PLUS zone manager
- possibility to connect regulators with On/Off, 0-10V and Open-Therm communication protocol
- remote control via TERMET COMFORT SYSTEM with possibility of expanding with additional zones
- cooperates with MX01 extension module

Accessories

COMFORT MODULE



COMFORT REGULATOR



TERMET ST-292 V2



TERMET ST-292 V3



OUTSIDE TEMPERATURE SENSOR



| parameters | Value |
|---|---------------------------|
| Thermal power (at temp. 80/60°C) | 3,7 - 24,0 kW |
| Thermal power (at temp. 50/30°C) | 4,1 - 26,5 kW |
| Heat load | 3,8 - 24,5 kW |
| Seasonal space heating energy efficiency η_s | 95 % |
| Efficiency of the boiler at nominal load and average boiler water temperature of 70°C | 98 % |
| Efficiency of the boiler at partial load and return water temperature of 30°C | 108 % |
| Seasonal space heating energy efficiency class | A |
| Useful heat output at rated thermal power P4 (for modulated boilers - arithmetic mean of min and max) | 24,3 kW |
| Useful heat output at 30% of rated power P1 (for modulated boilers - 30% of arithmetic mean) | 8,0 kW |
| Efficiency η_4 | 88,9 % |
| Efficiency η_1 | 99,7 % |
| Max water pressure | 3 bar |
| Max CH temperature | 95 °C |
| Standard adjustable temperature | 40 - 80 °C |
| Reduced adjustable temperature | 25 - 55 °C |
| Pump head at 0 flow | 0,6 bar |
| Nominal boiler thermal power (at temperature 80/60°C) | 3,7 - 30,0 kW |
| Nominal heat load | 3,8 - 30,6 kW |
| Efficiency of the boiler at nominal load and average boiler water temperature of 70°C | 98 % |
| Water pressure | 0,1 - 6,0 bar |
| Minimal water flow | 2,0 dm ³ /min |
| Domestic water flow at $\Delta t=30K$ | 14 dm ³ /min |
| Energy efficiency class of water heating | A |
| Load profile | XL |
| Range of water temperature regulation | 30 - 60 °C |
| Sound power level LWA | 49 dB |
| Emission of nitrogen dioxide | 38 mg/kWh |
| Emission class of nitrogen dioxide (NOx) | 6 |
| Expansion vessel capacity | 8 dm ³ |
| Standby mode power consumption PSB | 0,004 kW |
| Electricity consumption at full load e_{\max} | 0,077 kW |
| Electricity consumption at partial load e_{\max} | 0,059 kW |
| Type and supply voltage | ~ 230 \pm 10%/ 50Hz V V |
| Protection degree | IPX4D |
| Heating water and gas connection | G 3/4 inch |
| Dimensions | 775 x 400 x 300 mm |
| Weight | 34,5 kg |
| Domestic water connection | G 1/2 inch |
| Exchanger material | INOX steel |