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 (EEI≤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 ηs	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 η4	88,9 %
Efficiency η1	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 Δt=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 elmax	0,077 kW
Electricity consumption at partial load elmax	0,059 kW
Type and supply voltage	~ 230 ±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

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