



GOLD PLUS II



Condensing boilers from the **GOLD PLUS II** series are innovative, modern devices used in radiator and floor heating systems and for the preparation of domestic hot water. The devices are ideal for installation in both new buildings and in newly modernized installations. The elegant and modern appearance makes the device fit perfectly into any interior. Thanks to the use of the latest generation of components, **GOLD PLUS II** condensing boilers are extremely friendly to the natural environment. It is possible to manage heating via the Internet using the Basic Package for the Termet Comfort System.

- energy class: A
- control via the Internet - ability to manage the temperature in the room using a smartphone or tablet using the Termet Comfort System package
- use of the latest generation of stainless steel heat exchanger with a single coil coil
- extremely wide power modulation range: from 17% to 100%
- highly efficient circulation pump
- fan with smooth speed control (electronically controlled)
- low NOx stainless steel cylindrical burner (class 6)
- hydraulic group in the form of a hydroblock mounted on quick connectors
- complete security system
- Open-Therm communication system using the CR11011 controller
- possibility of working with multi-zone modules for heating systems
- possibility of cooperation with air/water heat pumps

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)	3,3 - 19,1 kW
Thermal power (at temp. 50/30°C)	3,7 - 21,0 kW
Heat load	3,4 - 19,5 kW
Seasonal space heating energy efficiency η_s	96,1 %
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	98,0 %
Efficiency of the boiler at partial load and return water temperature of 30°C	108,0 %
Seasonal space heating energy efficiency class	A
Useful heat output at rated thermal power P4 (for modulated boilers - arithmetic mean of min and max)	19,1 kW
Useful heat output at 30% of rated power P1 (for modulated boilers - 30% of arithmetic mean)	6,3 kW
Efficiency η_4	90,4 %
Efficiency η_1	100,0 %
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)	3,3 - 19,1 kW
Nominal heat load	3,4 - 19,5 kW
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	98,0 %
Water pressure	0,1 - 6,0 bar
Minimal water flow	2,0 dm ³ /min
Domestic water flow at $\Delta t=30K$	9 dm ³ /min
Energy efficiency class of water heating	A
Load profile	L
Range of water temperature regulation	30 - 60 °C
Sound power level LWA	48 dB
Emission of nitrogen dioxide	33 mg/kWh
Emission class of nitrogen dioxide (NOx)	6
Standby mode power consumption PSB	0,002 kW
Electricity consumption at full load elmax	0,066 kW
Electricity consumption at partial load elmax	0,054 kW
Type and supply voltage	~ 230 \pm 10%/ 50Hz V
Protection degree	IPX4D
Heating water and gas connection	G3/4 inch
Dimensions	793 x 400 x 310 mm
Weight	36,2 kg
Domestic water connection	G1/2 inch
Exchanger material	INOX steel