

Warmth of nature

termet®



**HEAT
EXCHANGER**



**SYSTEM
TERMET
COMFORT**



**SYSTEM LAS
COMPATIBLE**



Termet Heat Academy

Wall mounted gas condensing boilers

GOLD PLUS II

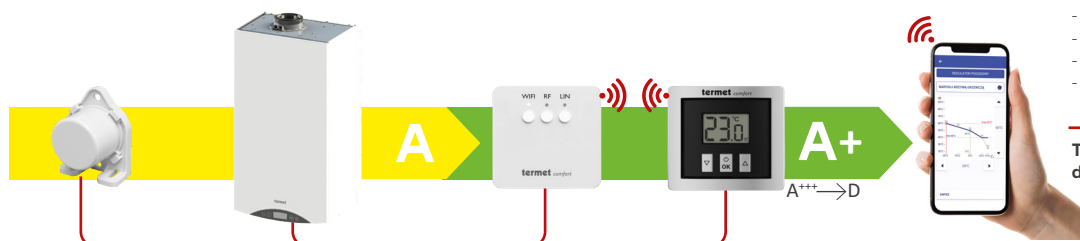
GOLD PLUS II is an innovative, modern appliance offered in both system and combi boiler versions for use in both radiator and underfloor heating systems and for the preparation of hot water. The appliances are ideal for installation both in new buildings and in modernised systems. The boilers are environmentally friendly thanks to the use of modern components. It is possible to manage the heating via the Internet using the Basic Package for the Termet Comfort System.



Functionality of the Termet Comfort System application:

- controlling operation of the appliance
- viewing basic operating parameters
- changing operating modes of the appliance
- setting priority for one of the 6 heating zones
- signalling boiler status messages.

The app is available for iOS and Android devices.



Using the Termet Comfort System increases energy efficiency of the appliance for heating purposes.



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TECHNICAL FEATURES

1 HEAT EXCHANGER

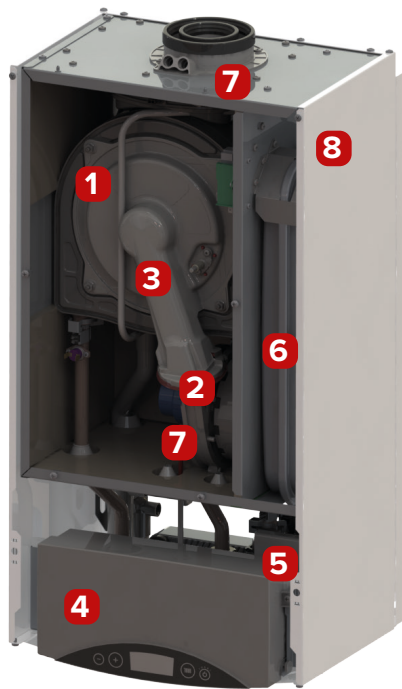
- stainless steel heat exchanger highly resistant to corrosion
- heat exchanger representing state of-the-art technology of hydroforming with high water pressure - which ensures constant distance between coil elements and better heat exchange as well as prevents accumulation of impurities
- low sensitivity of exchanger to poor water quality which makes it possible to install the boiler also in old central heating systems

2 NON-RETURN VALVE

- protects against back draught of the flue gas
- enables the connection of several boilers to a collective LAS type chimney system

3 BURNER

- modern burner with a wide modulation range, which makes the boilers ideal for heating small spaces



4 CONTROL PANEL

- possibility to remotely control selected parameters of the boiler by using the Termet Comfort System package
- possibility to connect a controller with Open-Therm communication or 0-10V signal

5 PUMP

- energy-saving circulating pump with automatic air vent (EEI≤0.23)

6 EXPANSION VESSEL

- the expansion vessel is located on the side of the boiler for better accessibility

7 FAN

- high-performance electronically controlled fan

8 BOILER CASING

- guarantees a high degree of IPX4D protection

TECHNICAL DATA GOLD PLUS II

		SYSTEM BOILERS			COMBI BOILERS			
TECHNICAL FEATURES		20	25	35	20/20	20/25	25/32	36/36
	CH circuit							
	Seasonal space heating energy efficiency class	A	A	A	A	A	A	A
	Heat output	20 kW	25 kW	36 kW	20 kW	20 kW	25 kW	36 kW
	Seasonal space heating energy efficiency [η_s]	96 %	95,5 %	93,2 %	96 %	96 %	95,5 %	93,2 %
	Annual energy consumption (Q_{HE})	38,10 GJ	48,9 GJ	71,8 GJ	38,10 GJ	38,10 GJ	48,9 GJ	71,8 GJ
	Heat output (at temp. 50/30°C)	3,7-21,0 kW	3,7-27,0 kW	4,0-38,9 kW	3,7-21,0 kW	3,7-21,0 kW	3,7-27,0 kW	4,0-38,9 kW
	Useful boiler efficiency at partial heat output and return water temperature 30°C	108 %	108 %	108 %	108 %	108 %	108 %	108 %
	Max. water pressure	3 bar	3 bar	3 bar	3 bar	3 bar	3 bar	3 bar
	Expansion vessel capacity	6 dm³ or 8 dm³			6 dm³ or 8 dm³			
	DHW circuit							
	Water heating energy efficiency class	-	-	-	A	A	A	A
	Declared load profile	-	-	-	L	L	L	XL
	Water heating energy efficiency [η_{wh}]	-	-	-	78 %	81 %	82 %	86 %
	Heat output (at temp. 80/60°C)	-	-	-	3,3-19,1 kW	3,3-24,5 kW	3,3-31,4 kW	3,6-35,3 kW
	Water flow at $\Delta t=30^\circ\text{C}$	-	-	-	9 dm³/min	12 dm³/min	15,0 dm³/min	18,0 dm³/min
	Annual fuel consumption (AFC)	-	-	-	12 GJ	12 GJ	19 GJ	19 GJ
	Sound power level L_{wa}	48 dB	49 dB	51 dB	48 dB	51 dB	53 dB	51 dB
Emission of NO _x		33 mg/kWh	33 mg/kWh	43 mg/kWh	33 mg/kWh	33 mg/kWh	35 mg/kWh	43 mg/kWh
Chimney duct connection		Coaxial Ø80/Ø125* mm, Ø60/Ø100 mm or two separate Ø80 mm						
Power supply		~ 230 ±10% / 50Hz						
Height x width x depth		793 x 400 x 310 mm			793 x 400 x 310 mm		793x400x342 mm	
Weight		35,8 kg	35,9 kg	38,1 kg	36,3 kg	36,3 kg	36,5 kg	39,0 kg

* using the extension element from Ø60/Ø100 to Ø80/Ø125

ROOM TEMPERATURE REGULATORS

Termet ST-2801 Wi-Fi with Open-Therm communication protocol remote control via Wi-Fi



Termet ST-2801 Wi-Fi with Open-Therm communication protocol



Room temperature regulator with open-therm communication protocol CR11011



Room temperature regulators with on/off communication:

- Termet ST-292 V2 wireless (with a signal receiver mounted near the unit)
- Termet ST-292 V3 wire



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Termet S.A. ul. Długa 13, 58-160 Świebodzice
T: +48 74 85 60 801 E: export@termet.com.pl

www.termet.com.pl