

Warmth of nature

termet®



ECO
PRODUCT



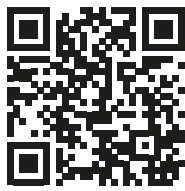
INOX

HEAT
EXCHANGER



OPEN
THERM

OPEN-THERM
CONTROL



Termet heat academy

Wall mounted gas condensing boilers

ECO COMPACT

The modern ECO COMPACT condensing boiler is an ideal solution for those who value savings, reliability and thermal comfort. Thanks to advanced condensing technology, it ensures high efficiency, reducing gas consumption and CO₂ emissions. Its compact dimensions make it perfect for any space.

These boilers are available in system and combi function versions, which means that they can be used both for heating rooms and preparing domestic hot water, which is extremely convenient in everyday use.



A



A+++
↑
D

A+



A+
↑
F

system boilers:

- ECO COMPACT 20
- ECO COMPACT 25

combi boilers:

- ECO COMPACT 20/25
- ECO COMPACT 25/30



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TECHNICAL FEATURES

1 HEAT EXCHANGER

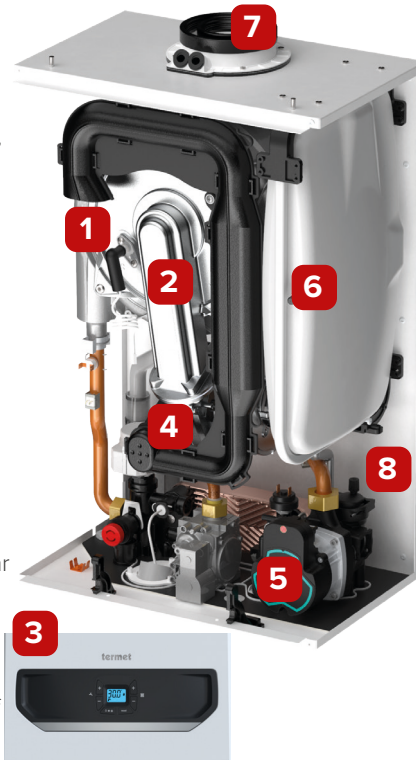
- stainless steel
- high efficiency of the heat exchanger accelerates the water heating process, which shortens the waiting time to reach the required temperature in the heating system
- made of corrosion-resistant materials, which ensures long service life

2 BURNER

- cylindrical shape ensures even heat distribution
- made of stainless steel
- low nitrogen oxide emissions

3 CONTROL PANEL

- easy-to-use intuitive interface with clear icons and a simple menu allows you to quickly adjust the boiler settings to the user's needs
- precise setting of water and heating temperature, which ensures comfort of use



4 FAN

- with smooth speed control,
- electronically controlled allows for low minimum power

5 PUMP

- high-efficiency circulation pump (EEI≤0.23) with automatic air vent

6 EXPANSION VESSEL

- prevents excessive pressure increase, which reduces the risk of boiler damage

7 FLUE ADAPTER

- with measuring points
- with a diameter of 60/100 mm
- facilitates the work of an authorized service

8 BOILER CASING

- guarantees a high degree of protection IPX4D

TECHNICAL DATA

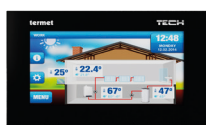
TECHNICAL FEATURES		SYSTEM BOILERS		COMBI BOILERS	
		20	25	20/25	25/30
	CH circuit				
	Seasonal space heating energy efficiency class	A	A	A	A
	Heat output	20 kW	24 kW	20 kW	24 kW
	Seasonal space heating energy efficiency [η_s]	92 %	92 %	92 %	92 %
	Annual energy consumption (Q_{HE})	45,1 GJ	53,9 GJ	45,1 GJ	53,9 GJ
	Heat output (at temp. 50/30°C)	4,4-21,9 kW	5,2-26,2 kW	4,4-21,9 kW	5,2-26,2 kW
	Useful boiler efficiency at partial heat output and return water temperature 30°C	107 %	107 %	107 %	107 %
	Max. water pressure	3 bar	3 bar	3 bar	3 bar
	Expansion vessel capacity	8 dm ³	8 dm ³	8 dm ³	8 dm ³
	DHW circuit				
	Water heating energy efficiency class	-	-	A	A
	Declared load profile	-	-	L	XL
	Water heating energy efficiency [η_{wh}]	-	-	87%	87%
	Heat output (at temp. 80/60°C)	-	-	4,0-24,1 kW	4,8-26,6 kW
	Water flow at $\Delta t=30^\circ\text{C}$	-	-	11,5 dm ³ /min	12,7 dm ³ /min
	Annual fuel consumption (AFC)	-	-	17 GJ	17,5 GJ
	Sound power level L_{wa}	49 dB	50 dB	49 dB	50 dB
	Emission of NO _x	25 mg/kWh	27 mg/kWh	25 mg/kWh	27 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		653 x 412 x 286 mm			
Weight		27 kg	28 kg	28 kg	29 kg

ROOM TEMPERATURE REGULATORS

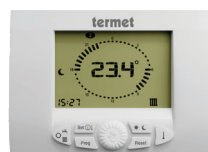
Termet ST-2801 Wi-Fi with Open-Therm communication protocol remote control via Wi-Fi



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



Room temperature regulator with open-therm communication protocol EASY REMOTE



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