

Warmth of nature

termet®

**OPEN
THERM**

OPEN-THERM
CONTROL



**SYSTEM
TERMET
COMFORT**



**HEAT
EXCHANGER**

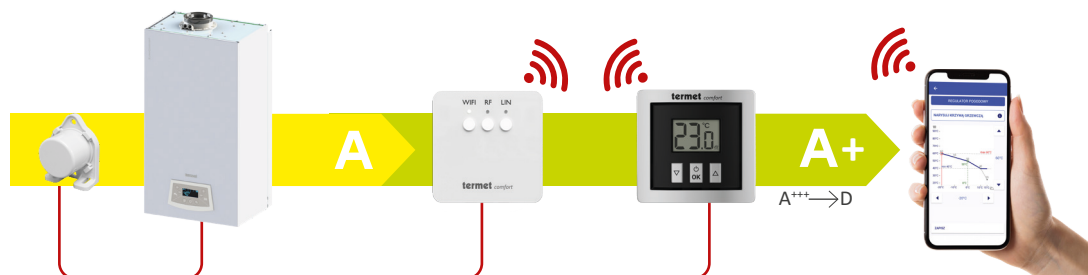


Termet Heat Academy

Wall mounted gas condensing boilers

EURO COMFORT

Wall mounted gas condensing boilers EURO COMFORT are characterized by modern, technically advanced design, easy to operate for the installer and the user as well. Components of renowned international companies guarantee the highest level of quality, as well as provide a solution with the highest efficiency.



Eco Comfort boiler in combination with Comfort Kit and the outdoor temperature sensor reaches energy efficiency **class (A+)**

Termet Comfort System app enables:

- monitoring of the unit's operation,
- view of basic operating parameters,
- changing the operation modes,
- programming of operation cycles for domestic hot water tank,
- setting priority for one of 6 heating zones,
- display of boiler error codes.

Termet Comfort System mobile app is available for iOS and Android.



TERMETPL



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TECHNICAL FEATURES

1 MODERN HEAT EXCHANGER

- single coil made of stainless steel
- resistant to dirt accumulation
- low flow resistance
- great domestic hot water comfort: 14 l/min for 24 kW heat output
- very high efficiency - seasonal space heating energy efficiency up to 95%

2 BURNER

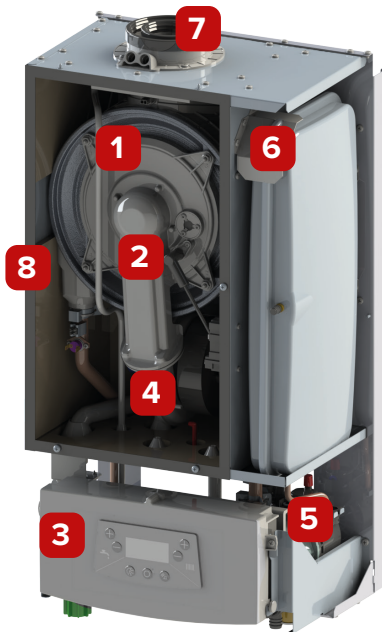
- new generation burner provides wide range of modulation (12%-100%)
- environmentally friendly: low level of NOx emission (6th class)

3 CONTROL PANEL

- modern control panel allows full self-diagnosis and adjustment of boiler parameters to any installation

4 FAN

- electronically controlled modulating fan



5 PUMP

- high-efficiency modulating pump controlled via PWM signal (EEI≤0,23) with automatic airvent

6 EXPANSION VESSEL

- capacity 8 liters
- placed on the side of the boiler, which ensures easy access immediately after removing the cover

7 FLUE ADAPTER

- built-in coaxial adapter Ø60/Ø100 with measuring points

8 VERY QUIET OPERATION

- sound power level - of only 49 dB (refers to 25 and 25/30 kW boilers)

TECHNICAL DATA EURO COMFORT

		SYSTEM BOILERS			COMBI BOILERS		
TECHNICAL FEATURES		20	25	35	20/25	25/30	35/40
	CH circuit						
	Seasonal space heating energy efficiency class	A	A	A	A	A	A
	Heat output	20 kW	24 kW	34,5 kW	20 kW	24 kW	34,5 kW
	Seasonal space heating energy efficiency [η_s]	94 %	95 %	94 %	94 %	95 %	94 %
	Annual energy consumption (Q_{HE})	39,8 GJ	47,0 GJ	68,4 GJ	39,8 GJ	47,0 GJ	68,4 GJ
	Heat output (at temp. 50/30°C)	3,8-22,1 kW	4,1-26,5 kW	6,0-38,0 kW	3,8-22,1 kW	4,1-26,5 kW	6,0-38,0 kW
	Useful boiler efficiency at partial heat output and return water temperature 30°C	108 %	108 %	108 %	108 %	108 %	108 %
	Max. water pressure	3 bar	3 bar	3 bar	3 bar	3 bar	3 bar
	Expansion vessel capacity	8 dm ³	8 dm ³	8 dm ³	8 dm ³	8 dm ³	8 dm ³
	DHW circuit				A	A	A
	Water heating energy efficiency class	-	-	-	L	XL	XL
	Declared load profile	-	-	-	-	-	-
	Water heating energy efficiency [η_{wh}]	-	-	-	80 %	83 %	83 %
	Heat output (at temp. 80/60°C)	-	-	-	25,0 kW	30,0 kW	40,0 kW
	Water flow at $\Delta t=30^\circ\text{C}$	-	-	-	12 dm ³ /min	14,0 dm ³ /min	19,0 dm ³ /min
	Annual fuel consumption (AFC)	-	-	-	12 GJ	19 GJ	19 GJ
	Sound power level L_{wa}	48 dB	49 dB	51 dB	48 dB	49 dB	51 dB
Emission of NO _x		39 mg/kWh	38 mg/kWh	36 mg/kWh	39 mg/kWh	38 mg/kWh	36 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		775 x 400 x 300 mm					
Weight		33,0 kg	33,0 kg	35,5 kg	33,0 kg	34,5 kg	37,0 kg

ROOM TEMPERATURE REGULATORS WITH ON/OFF COMMUNICATION

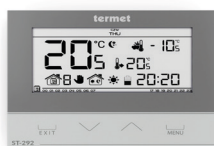
Termet ST-294 V1

- wire, simply operation, 2 buttons



Termet ST-292 V3

- wire, manual program, day/night program, weekly control



Termet ST-292 V2

- wireless (with a signal receiver mounted near the unit)



termet®

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