

Warmth of nature

termet®



ECO
PRODUCT



QUIET
OPERATION



H₂ READY



Termet heat academy

Wall mounted gas condensing boilers

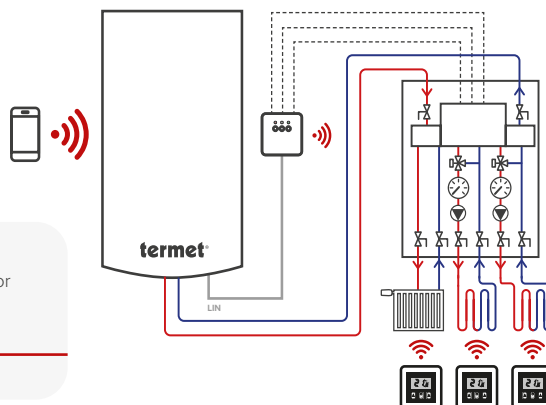
ECOCONDENS NEX

It is the quietest on the market, an innovative device with a market platform in the category of gas boilers that want to introduce heating boilers and the process of producing utility water. They are adapted e.g. for cooperation with air/water heat pumps, solar collectors, as well as multi-zone modules for heating systems, as well as for H₂ 20% heating. The high efficiency of the devices as well as the wide range of modulation along with the optimization of the efficiency process make these devices very economical and thus environmentally friendly.

Controlling heating circuits via the Internet:

- cooperation of the boiler with the SIM WP2Z multi-zone module
- the option of connecting the Comfort Module to the SIM WP2Z multi-zone module, which allows for remote management of heating circuits via the Termet System Comfort application
- the ability to control pump operation via the Comfort Module, max. 3 heating circuits

The application is available for iOS and Android devices.



**European
Funds**
Smart Growth

European Union
European Regional
Development Fund



Creation of innovative condensing boilers with wide modulation range, its components and development of remote system for communication between boiler and user



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TECHNICAL FEATURES

1 MODERN HEAT EXCHANGER

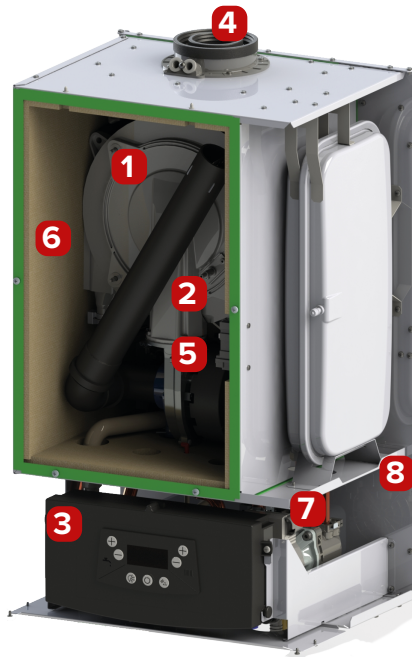
- made of stainless steel
- characterized by high resistance to corrosion and calcification

2 BURNER

- new generation CERAMAT burner made of ceramic fibre with wide range of modulation that allows optimisation of combustion process and gas savings

3 CONTROL PANEL

- the possibility of using the **Termet Comfort System**:
- **increasing energy efficiency to class A+ (when using an outdoor temperature sensor)**
- remote control of selected boiler parameters via a free application
- possibility to connect a regulator with Open-Therm communication or 0-10V signal



4 FLUE ADAPTER

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

5 FAN

- electronically controlled modulating fan

6 SOUND INSULATION

- additional sound-proofing system based on modern sound-absorbing materials allows quiet operation - sound power level of only 37 dB (refers to 24,28, 24/30kW boilers)

7 PUMP

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

8 BOILER CASING

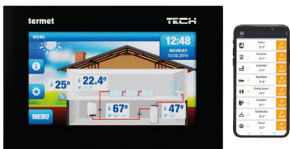
- guaranteeing a high degree of protection IPX4D

TECHNICAL DATA ECOCONDENS NEX

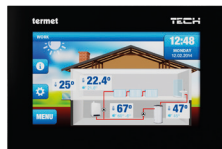
		SYSTEM BOILERS			COMBI BOILERS	
TECHNICAL FEATURES		24	28	32	24/30	28/35
	CH circuit					
	Seasonal space heating energy efficiency class	A	A	A	A	A
	Heat output	24 kW	28 kW	32 kW	24 kW	28 kW
	Seasonal space heating energy efficiency [η_s]	96 %	94 %	95 %	96 %	94 %
	Annual energy consumption (Q_{HE})	46,70 GJ	55,30 GJ	62,80 GJ	46,70 GJ	55,30 GJ
	Heat output (at temp. 50/30°C)	3,5-26,5 kW	3,9-31,1 kW	3,9-35,3 kW	3,5-26,5 kW	3,9-31,1 kW
	Useful boiler efficiency at partial heat output and return water temperature 30°C	~108 %	~108 %	~108 %	~108 %	~108 %
	Max. water pressure	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
	DHW circuit					
	Water heating energy efficiency class	-	-	-	A	A
	Declared load profile	-	-	-	L	XL
	Water heating energy efficiency [η_{wh}]	-	-	-	82 %	84 %
	Heat output (at temp. 80/60°C)	-	-	-	3,1-29,9 kW	3,5-35,2 kW
	Water flow at $\Delta t=30^\circ\text{C}$	-	-	-	14,0 dm ³ /min	17,0 dm ³ /min
	Annual fuel consumption (AFC)	-	-	-	12 GJ	18 GJ
	Sound power level L_{wa}	37 dB	37 dB	46 dB	37 dB	48 dB
	Emission of NO _x	47 mg/kWh	40 mg/kWh	44 mg/kWh	47 mg/kWh	40 mg/kWh
	Chimney duct connection	Coaxial Ø80/Ø125 mm, Ø60/Ø100 mm or two separate Ø80 mm				
Power supply		~230 V				
Height x width x depth		767 x 450 x 350 mm				
Weight		48,0 kg	50,0 kg	50,0 kg	49,0 kg	52,5 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 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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