Warmth of nature

EKO PRODUKT
ECO PRODUCT

OPEN THERM
STEROWANIE OPEN-THERM
OPEN-THERM CONTROL

KOMPAKTOWY WYMIAR
COMPACT SIZE

termet®

A

A

Termet heat academy
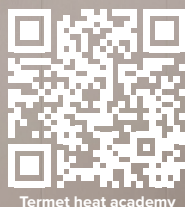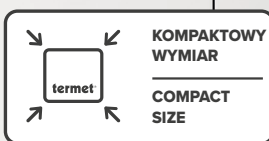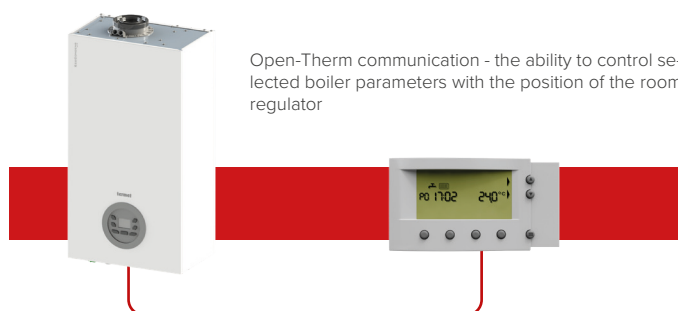
Wall mounted gas condensing boilers
ECOCONDENS SLIM

ECOCONDENS SLIM is a modern and ecological condensing bo-iler, one of the main advantages of which is its small size, which ma-kes it one of the smallest condensing boilers offered on the market. Its compact size (height 777 mm, width 400 mm, depth 250 mm) and, in particular, its shallow depth make it ideal for installation in small and confined spaces. It will also work well in existing installa-tions where making changes to a new heat source is difficult due to existing limitations. Thanks to the wide range of modulation, it is a perfect solution for buildings with low heat demand.

Open-Therm communication - the ability to control se-lected boiler parameters with the position of the room regulator

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TECHNICAL FEATURES

1 MODERN HEAT EXCHANGER
- single coil made of stainless steel
- resistant to dirt accumulation
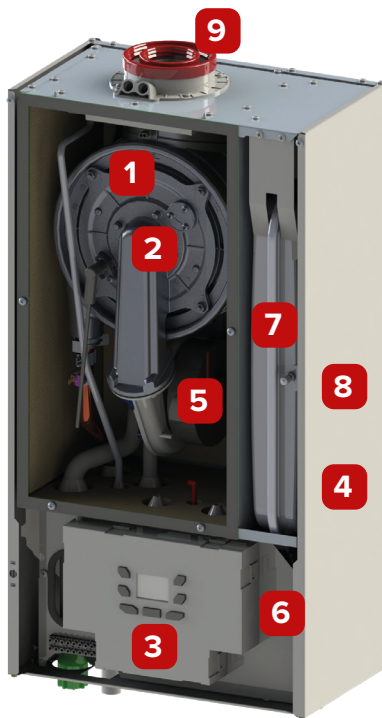- low hydraulic resistance

2 BURNER
- new generation burner provides wide range of modulation (13%-100%)
- low level of NOx emission (6th class)

3 CONTROL PANEL
- modern control panel with electronic display
- possibility to connect regulators with On/Off and Open-Therm communication protocol
- remote control via Wi-Fi regulators TERMET ST-2801 Wi-Fi

4 COMPACT SIZE
- compact size - depth of only 250mm
- compact dimensions allow you to develop unusual niches and find the right place for the boiler even in small rooms, without compromising their arrangement

5 FAN
- electronically controlled modulating fan

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

7 EXPANSION VESSEL
- expansion vessel (8 dm^3) on the side

8 BOILER CASING
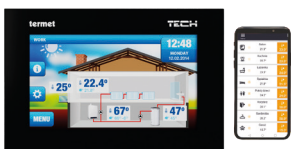- guaranteeing a high degree of protection IPX4D

9 FLUE ADAPTER
- built-in coaxial adapter Ø60/Ø100 with measuring points

TECHNICAL DATA ECOCONDENS SLIM

		SYSTEM BOILERS	COMBI BOILERS
		20	**20**
CH circuit	Seasonal space heating energy efficiency class	**A**	**A**
	Heat output	20 kW	20 kW
	Seasonal space heating energy efficiency [η_s]	93 **%**	93 **%**
	Annual energy consumption (Q_{HE})	39,82 GJ	39,82 GJ
	Heat output (at temp. 50/30°C)	3,0-22,0 kW	3,0-22,0 kW
	Useful boiler efficiency at partial heat output and return water temperature 30°C	~108 %	~108 %
	Max. water pressure	3 bar	3 bar
	Expansion vessel capacity	8 dm^3	8 dm^3
DHW circuit	Water heating energy efficiency class	-	**A**
	Declared load profile	-	L
	Water heating energy efficiency [η_{wh}]	-	80 %
	Heat output (at temp. 80/60°C)	-	2,7-25,0 kW
	Water flow at Δt=30°C	-	12,0 dm^3/min
	Annual fuel consumption (AFC)	-	12 GJ
	Sound power level L_{wa}	48 dB	48 dB
	Emission of NO_x	**21 mg/kWh**	**21 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	777 x 400 x 250 mm	
	Weight	33,0 kg	32,0 kg

ROOM TEMPERATURE REGULATORS AND OUTDOOR TEMPERATURE SENSOR

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

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

Outdoor temperature sensor
Control of boiler operation based on outdoor temperature

termet®

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