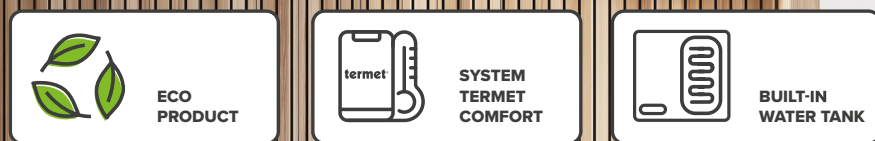


Warmth of nature

termet®

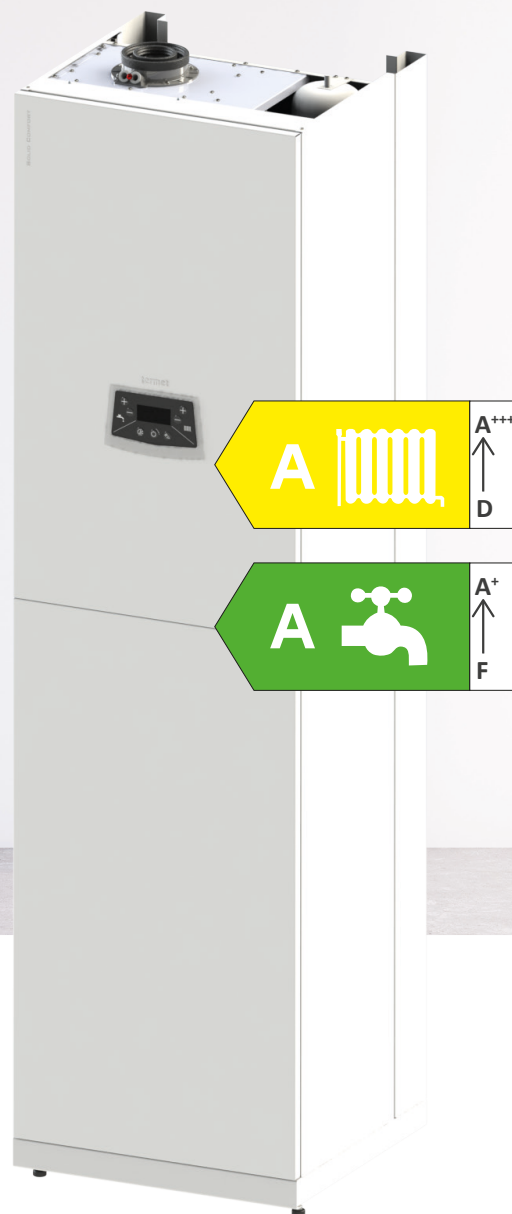


Termet heat academy

Wall mounted gas condensing boilers with integral domestic hot water tank

SOLID COMFORT

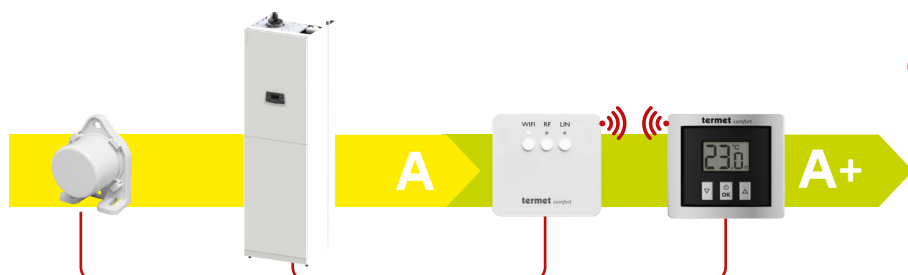
A modern, gas-fired, floor-standing condensing boiler with a built-in 100-liter tank. A complete heating system in an elegant housing, reliable in hot water preparation thanks to an efficient tank. The built-in tank is made of stainless steel, it guarantees access to hot water immediately after turning on the tap. In addition, the high power of the coil ensures its immediate heating.



Functionalities of the Termet application comfort system:

- controlling the operation of the device,
- preview of basic operating parameters,
- changing the operating modes of the device,
- setting a priority for one of the 6 heating zones,
- signaling of messages about the boiler status.

The application is available for devices with iOS and Android.



The use of the Termet Comfort System increases the energy efficiency of the device for heating purposes to class A+ (for 20 and 35 kW model).



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TECHNICAL FEATURES

1 HEAT EXCHANGER

- in the form of a single coil made of stainless steel - less risk of scaling and other impurities, which increases the life of the device

2 BURNER

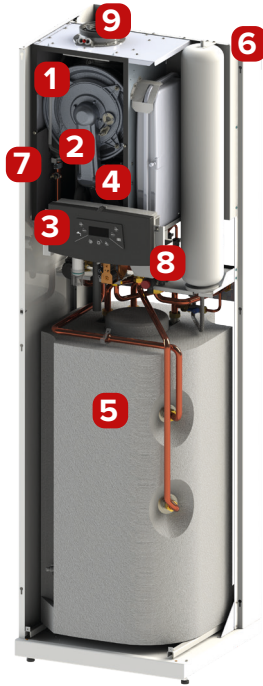
- cylindrical made of stainless steel with low emission of nitrogen oxides (the highest NOx class 6)
- providing a wide range of modulation (13%-100%)

3 CONTROL PANEL

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

4 FAN

- electronically controlled modulating fan



5 HOT WATER TANK

- made of INOX stainless steel with a capacity of 50 liters with a high-power 28 kW coil, enabling water to be heated also in flow mode
- anti-legionella function

6 BOILER CASING

- guaranteeing a high degree of protection IPX4D

7 SOUND INSULATION

- ensuring quiet operation of the device up to 49 dB

8 PUMP

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

9 FLUE ADAPTER

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

TECHNICAL DATA SOLID COMFORT

		COMBI BOILERS		
TECHNICAL FEATURES		20	25	35
	CH circuit			
	Seasonal space heating energy efficiency class	A	A	A
	Heat output	20 kW	24 kW	35 kW
	Seasonal space heating energy efficiency [η_s]	94 %	93 %	94 %
	Annual energy consumption (Q_{HE})	35,8 GJ	42,7 GJ	60,5 GJ
	Heat output (at temp. 50/30°C)	3,8-22,0 kW	3,8-26,7 kW	5,0-39,0 kW
	Useful boiler efficiency at partial heat output and return water temperature 30°C	~108 %	~108 %	~109 %
	Max. water pressure	3 bar	3 bar	3 bar
	Expansion vessel capacity	8 dm ³	8 dm ³	8 dm ³
	DHW circuit			
	Water heating energy efficiency class	A	A	A
	Declared load profile	XL	XL	XL
	Water heating energy efficiency [η_{wh}]	90 %	89 %	87 %
	Heat output (at temp. 80/60°C)	3,4-25,2 kW	3,4-30,0 kW	4,1-32,4 kW
	Water flow at $\Delta t=30^\circ\text{C}$	12,0 dm ³ /min	14,3 dm ³ /min	15,4 dm ³ /min
	Coil power	30 kW	30 kW	30 kW
	Tank capacity	100 dm ³	100 dm ³	100 dm ³
	Expansion vessel capacity	8 dm ³	8 dm ³	8 dm ³
	Max. water pressure	6,0 bar	6,0 bar	6,0 bar
	Annual fuel consumption (AFC)	17 GJ	17 GJ	18 GJ
	Sound power level L_{wa}	46 dB	49 dB	50 dB
	Emission of NO _x	35 mg/kWh	35 mg/kWh	42 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	1869 x 520 x 500 mm		
	Weight	94,0 kg	96,0 kg	98,0 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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