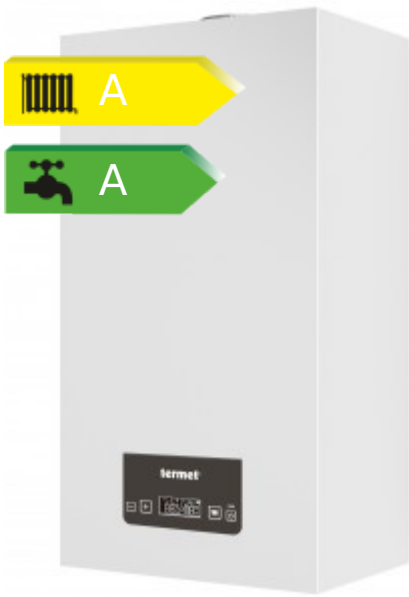




TERMET APLA



TERMET APLA is an energy-efficient and eco-friendly solution that ensures high thermal comfort. Thanks to advanced technology, it recovers heat from exhaust gases, reducing heating bills. Quiet operation, a compact design, and intuitive controls make it the perfect choice for any home.

One of the boiler's main advantages is its compact size, making it ideal for installation in small and cramped spaces. It can also be used in existing installations where retrofitting to a new heat source is difficult due to existing constraints.

- Energy class: A
- Internet control - room temperature management via smartphone or tablet using the Termet Comfort System package
- Use of the latest generation stainless steel heat exchanger with a single coil
- Extremely wide power modulation range: from 15% to 100%
- Compact unit dimensions
- Highly efficient circulation pump
- Fan with variable speed control (electronically controlled)
- Stainless steel cylindrical burner with low NOx emissions (class 6)
- Complete security system
- Open-Therm communication system, e.g., using the CR11011 controller
- Compatible with multi-zone modules for heating systems
- Compatible with air-to-water heat pumps

parameters

Value

Thermal power (at temp. 80/60°C)	3,5 - 19,4 kW
Thermal power (at temp. 50/30°C)	3,9 - 21,4 kW
Heat load	3,6 - 20,0 kW
Seasonal space heating energy efficiency η_s	93,0 %
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	97,0 %
Efficiency of the boiler at partial load and return water temperature of 30°C	107,0 %
Seasonal space heating energy efficiency class	A
Useful heat output at rated thermal power P4 (for modulated boilers - arithmetic mean of min and max)	19,4 kW
Useful heat output at 30% of rated power P1 (for modulated boilers - 30% of arithmetic mean)	6,42 kW
Efficiency η_4	90,7 %
Efficiency η_1	98,5 %
Max water pressure	0,5 - 3,0 bar
Max CH temperature	95 °C
Standard adjustable temperature	40 - 80 °C
Reduced adjustable temperature	25 - 55 °C
Pump head at 0 flow	0,7 bar
Nominal boiler thermal power (at temperature 80/60°C)	3,5 - 19,4 kW
Nominal heat load	3,6 - 20,0 kW
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	97,0 %
Water pressure	0,5 - 8,0 bar
Minimal water flow	2,0 dm ³ /min
Maximum water flow (flow limiter)	10,0 dm ³ /min
Domestic water flow at $\Delta t=30K$	9,5 dm ³ /min
Energy efficiency class of water heating	A
Load profile	L
Range of water temperature regulation	30 - 60 °C
Sound power level LWA	48,0 dB
Emission of nitrogen dioxide	26,0 mg/kWh
Emission class of nitrogen dioxide (NOx)	6
Expansion vessel capacity	8 dm ³
Standby mode power consumption PSB	0,001 kW
Electricity consumption at full load $e_{\max}$	0,070 kW
Electricity consumption at partial load $e_{\max}$	0,057 kW
Type and supply voltage	~ 230 $\pm$ 10%/ 50Hz V
Protection degree	IPX4D
Heating water and gas connection	G 3/4 inch
Dimensions	650 x 400 x 310 mm
Weight	30,5 kg
Domestic water connection	G 1/2 inch