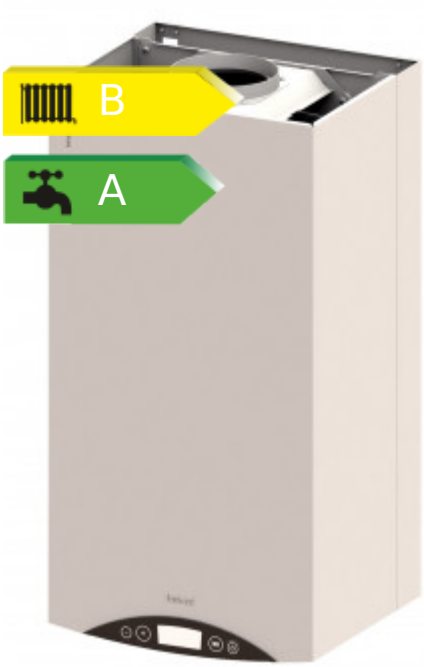
MINIMAX ECO



MiniMax Eco devices are extremely environmentally friendly devices that provide heat for central heating and hot water. The applied technical solutions ensure high comfort of use, long-term and trouble-free operation and optimal operating costs.

- boiler is equipped with two heat exchangers: main copper heat exchanger for central heating purposes and additional stainless steel plate heatexchanger for hot water purposes
- compact size: 700 mm x 360 mm x 300 mm
- open circuit operation possible by using open circuit kit
- complete system of protection, including protection against lack of chimney draught, against possibility of blocking the pump
- high-efficiency modulating pump controlled via PWM signal (EEI≤0,23) with automatic airvent
- protection class IPX4D
- modern control panel allows full self-diagnosis and adjustment of boiler parameters to any installation
- remote control via TERMET COMFORT SYSTEM with possibility of expanding with additional zones
- connection to chimney duct Ø130 mm (110 mm option)
- environmentally friendly: low level of NOx emission (6th class)

Accessories

COMFORT MODULE

COMFORT REGULATOR

TERMET ST-292 V2

TERMET ST-292 V3

OUTSIDE TEMPERATURE SENSOR

parameters	Value
Thermal power (at temp. 80/60°C)	7,0-22,0 kW
Heat load	7,4-23,5 kW
Seasonal space heating energy efficiency ηs	82,0 %
Efficiency of the boiler at rated power	93,8 %
Efficiency of the boiler at minimal power	94,6 %
Seasonal space heating energy efficiency class	B
Useful heat output at rated thermal power P4 (for modulated boilers - arithmetic mean of min and max)	22,0 kW
Useful heat output at 30% of rated power P1 (for modulated boilers - 30% of arithmetic mean)	6,78 kW
Efficiency η4	84,49 %
Efficiency η1	85,19 %
Max water pressure	3 bar
Max CH temperature	95 °C
Standard adjustable temperature	40-85 °C
Pump head at 0 flow	0,6 bar
Nominal boiler thermal power (at temperature 80/60°C)	7,0-22,0 kW
Nominal heat load	7,4-23,5 kW
Efficiency of the boiler at maximum power	93,8 %
Water pressure	0,1-6 bar
Maximum water flow (flow limiter)	10 dm^3/min
Domestic water flow at Δt=30K	10,5 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	54,8 dB
Emission of nitrogen dioxide	38 mg/kWh
Emission class of nitrogen dioxide (NOx)	6
Expansion vessel capacity	6 dm^3
Standby mode power consumption PSB	0,004 kW
Electricity consumption at full load elmax	0,05 kW
Electricity consumption at partial load elmax	0,05 kW
Type and supply voltage	~ 230 ±10%/ 50Hz V
Protection degree	IPX4D
Heating water and gas connection	G3/4 inch
Dimensions	700x360x300 mm
Weight	26 kg
Domestic water connection	G1/2 inch
Flue connection (internal diameter)	Ø 130 mm