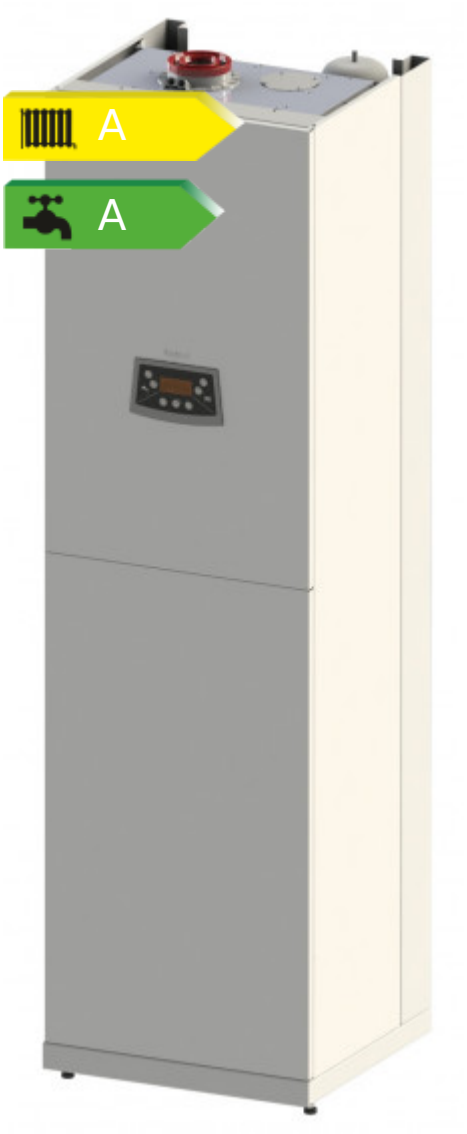
SOLID COMFORT



7 LAT GWARANCJI / YEAR WARRANTY

POLSKI PRODUCENT / POLISH PRODUCER

WBUDOWANY ZASOBNIK / BUILTIN WATER TANK

SOLID COMFORT is a ready-to-connect heating unit in a single, compact and aesthetically designed casing. The unit consists of: the latest generation condensing boiler combined with a 107-litre storage tank made entirely of stainless steel, expansion vessels for domestic hot water and central heating as well as a modern boiler control system that enables a.o. remote operation via smartphone or tablet by an individual customer and remote monitoring of the boiler by service technician.

- energy class: A
- heat exchanger made of stainless steel
- wide range of modulation: from 11% to 100%
- high efficiency circulation pump
- stepless speed regulation fan (controlled electronically)
- cylinder burner made of stainless steel low level of NOx emission (5th class)
- complete protection system
- optimization of boiler operation is possible due to application of:
  - outdoor temperature sensor
- temperature regulator: ON/OFF, Open-Therm or 0-10V,
- ROUND system for remote boiler control via smartphone,
- EVOHOME system for remote control of up to 11 heating zones
- ready-to-use multi-zone modules for controlling up to 3 SIM heating systems
- boilers can also cooperate with:
  - heat pumps air/water
  - solar panels

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)	3,9-24,0 kW
Thermal power (at temp. 50/30°C)	4,3-26,5 kW
Heat load	4,0-24,6 kW
Seasonal space heating energy efficiency ηs	93 %
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	98 %
Efficiency of the boiler at partial load and return water temperature of 30°C	108,7 %
Seasonal space heating energy efficiency class	A
Useful heat output at rated thermal power P4 (for modulated boilers - arithmetic mean of min and max)	24,0 kW
Useful heat output at 30% of rated power P1 (for modulated boilers - 30% of arithmetic mean)	7,9 kW
Efficiency η4	87,8 %
Efficiency η1	98,0 %
Max water pressure	3 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)	3,9-30,0 kW
Nominal heat load	4,0-30,7 kW
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	98,0 %
Water pressure	0,1-6,0 bar
Minimal water flow	2,7 dm^3/min
Domestic water flow at Δt=30K	13,1 dm^3/min
Energy efficiency class of water heating	A
Load profile	XL
Range of water temperature regulation	30-60 °C
Sound power level LWA	46 dB
Emission of nitrogen dioxide	24 mg/kWh
Emission class of nitrogen dioxide (NOx)	6
Expansion vessel capacity	8 dm^3
Standby mode power consumption PSB	0,005 kW
Electricity consumption at full load elmax	0,07 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	1869x520x490 mm
Weight	96 kg
Domestic water connection	G1/2 inch
Exchanger material	stainless steel
Coil power	30 kW
Cylinder position	vertical
Cylinder capacity	107 dm^3
Coil capacity	5 dm^3