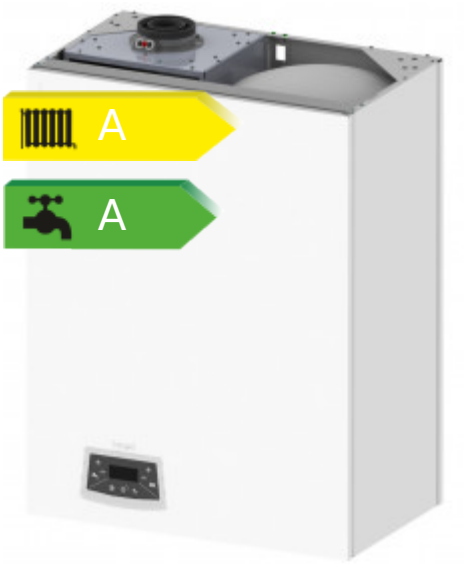
INTEGRA COMFORT



7 LAT GWARANCJI / YEAR WARRANTY

POLSKI PRODUCENT / POLISH PRODUCER

WBUDOWANY ZASOBNIK / BUILTIN WATER TANK

INTEGRA COMFORT is a modern, wall mounted gas condensing boiler with an integrated 50-litre storage tank. Complete heating unit with unique casing; reliable in preparation of hot water thanks to a very efficient storage tank. Very easy access to the compensation vessel for CH and DHW directly after removing the cover. A 50-litre storage tank ensures that hot water is immediately available after turning off the tap. In addition, the high heat output of the coil provides instantaneous water heating in the storage tank.

- boiler controllable via smartphone or tablet,
- possibility of connecting the regulator with 0-10 V signal or with Open-Therm communication,
- quiet operation thanks to additional sound insulation,
- reliable hot water production thanks to an integrated 50-litre storage tank,
- storage tank shell and coil made of INOX stainless steel,
- stainless steel cylindrical burner allows to achieve a very wide range of modulation (from already 13% of maximum power),
- compact heat exchanger with high efficiency thanks to a single, spirally twisted stainless steel coil with low hydraulic resistance and high stone resistance,
- modern and easy to use control panel with LCD display and full self-diagnosis,
- adaptation to work on different types of gas without physically interfering with the equipment,
- significantly reduced device width compared to the previous version,
- complete system of safety measures,
- anti-legionella function,
- possibility of connecting the re-circulation of DHW,
- attractive design and relatively small dimensions,
- built-in adapter with measuring points with a diameter of 60/100mm,
- possibility of using a separate exhaust air/fuel system with a TWIN type air/gas separator,
- remote monitoring of the device's operation by service personnel.

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)	3,3-24,5 kW
Thermal power (at temp. 50/30°C)	3,6-26,7 kW
Heat load	3,3-24,6 kW
Seasonal space heating energy efficiency ηs	95 %
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	98,8 %
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)	25,6 kW
Useful heat output at 30% of rated power P1 (for modulated boilers - 30% of arithmetic mean)	8,5 kW
Efficiency η4	89,5 %
Efficiency η1	99,9 %
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	0,6 bar
Nominal boiler thermal power (at temperature 80/60°C)	3,3-30,4 kW
Nominal heat load	3,3-30,6 kW
Efficiency of the boiler at nominal load and average boiler water temperature of 70°C	99,4 %
Water pressure	0,1-6,0 bar
Domestic water flow at Δt=30K	14,5 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	49 dB
Emission of nitrogen dioxide	32 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	0,09 kW
Electricity consumption at partial load elmax	0,06 kW
Type and supply voltage	~ 230 ±10%/ 50Hz V
Protection degree	IPX4D
Heating water and gas connection	G3/4 inch
Dimensions	937x690x410 mm
Weight	67 kg
Domestic water connection	G1/2 inch
Exchanger material	stainless steel
Coil power	28 kW
Cylinder position	vertical
Cylinder capacity	50 dm^3
Coil capacity	4 dm^3