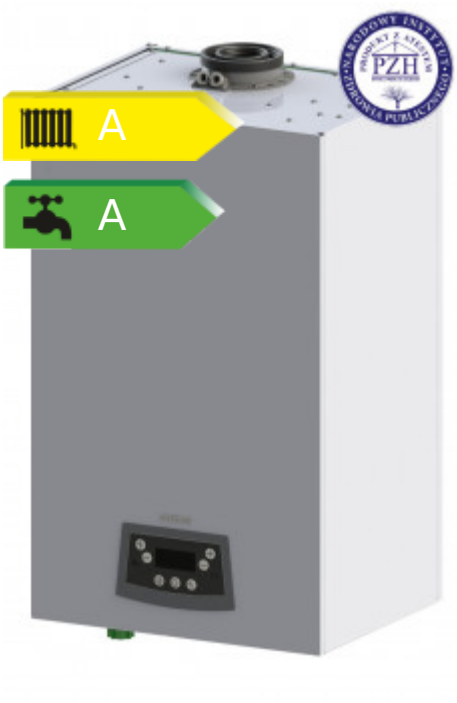
# ECOCONDENS NEX




**ECOCONDENS NEX** gas condensing boilers are innovative devices of the highest technical level in the category of gas wall-mounted boilers intended for heating and preparing domestic hot water. The high efficiency of the devices as well as the wide range of modulation make these devices very economical and environmentally friendly. Additionally, a guarantee of high comfort of use is the LIN interface, which allows you to connect the Termet Comfort System to remote control via the Internet. The distinguishing feature of the **ECOCONDENS NEX** series boilers is their extremely smooth and quiet operation.

- energy class: A
- modern stainless steel heat exchanger characterized by high resistance to corrosion and scaling
- the latest generation CERAMAT burner made of ceramic fiber, distinguished by an extremely wide range of modulation, allowing for optimization of the combustion process and gas savings
- additional boiler soundproofing system based on modern sound-absorbing materials
- very quiet operation of the boiler - only 37 dB (applies to 24, 28 kW boilers)
- highly efficient circulation pump
- electronically controlled modulated fan
- highest NOx class (class 6)
- complete security system
- possibility of working with multi-zone modules for heating systems
- possibility of cooperation with air/water heat pumps
- cooperation with domestic hot water tanks through the built-in three-way valve

# Akcesoria

Basic package "Comfort System"

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TERMET ST-292 V2

TERMET ST-292 V3

OUTSIDE TEMPERATURE SENSOR

| Parametry | Wartość |
|---|---|
| Thermal power (at temp. 80/60°C) | 3,1 - 24,0 kW |
| Thermal power (at temp. 50/30°C) | 3,5 - 26,5 kW |
| Heat load | 3,2 - 24,5 kW |
| Seasonal space heating energy efficiency ηs | 95,5 % |
| 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 % |
| 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) | 7,2 kW |
| Efficiency η4 | 88,5 % |
| Efficiency η1 | 97,5 % |
| 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) | 3,1 - 29,9 kW |
| Nominal heat load | 3,2 - 30,5 kW |
| Efficiency of the boiler at nominal load and average boiler water temperature of 70°C | 98 % |
| Water pressure | 0,1 - 6,0 bar |
| Minimal water flow | 2,0 $dm^3$/min |
| Domestic water flow at Δt=30K | 14 $dm^3$/min |
| Energy efficiency of water heating ηwh | 82 % |
| Energy efficiency class of water heating | A |
| Load profile | L |
| Range of water temperature regulation | 30 - 60 °C |
| Sound power level LWA | 37,4 dB |
| Emission of nitrogen dioxide | 46,9 mg/kWh |
| Emission class of nitrogen dioxide (NOx) | 6 |
| Expansion vessel capacity | 8 $dm^3$ |
| Standby mode power consumption PSB | 0,002 kW |
| Electricity consumption at full load elmax | 0,09 kW |
| Electricity consumption at partial load elmax | 0,07 kW |
| Type and supply voltage | ~ 230 ±10%/ 50Hz V |
| Protection degree | IPX4D |
| Heating water and gas connection | G 3/4 inch |
| Dimensions | 767 x 450 x 350 mm |
| Weight | 55 kg |
| Domestic water connection | G 1/2 inch |
| Exchanger material | steel INOX |