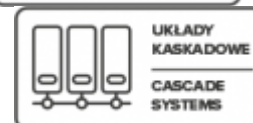


ECOCONDENS CRYSTAL PLUS - 50

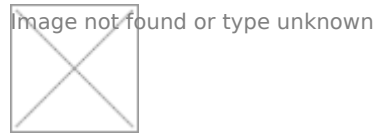
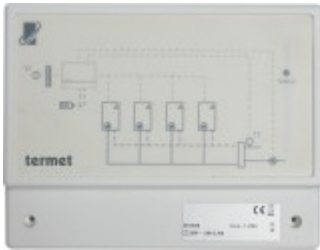


ECOCONDENS CRYSTAL PLUS 50 boilers are intended to heat large areas (large single-family houses, multi-family residential buildings, tenement houses). Devices belong to ecological and economical heating units. By using ECOCONDENS CRYSTAL PLUS 50 you may build a heat-only boiler station with power up to 225 kW. All the devices are connected in cascade by one cascade manager.

- heat exchanger made of stainless steel
- new generation stainless steel heat exchanger with aluminium burner door, resulting in less heat loss
- stepless speed regulation fan (controlled electronically)
- cylinder burner made of stainless steel □ low level of NOx emission (5th class)
- modern and transparent control panel
- complete system of safety measures
- works with cascade managers
- circulation pump with automatic air-vent
- Open-therm system available.

Aksesoria

CASCADE MANAGER AX 1203 SQ



CR11011



OUTSIDE TEMPERATURE SENSOR



Parametry

Wartość

| | |
|---|-------------------|
| Thermal power (at temp. 80/60°C) | 5,5-45,0 kW |
| Thermal power (at temp. 50/30°C) | 6,1-49,6 kW |
| Heat load | 5,7-46,2 kW |
| Seasonal space heating energy efficiency η_s | 91 % |
| Efficiency of the boiler at nominal load and average boiler water temperature of 70°C | 97,4 % |
| Efficiency of the boiler at partial load and return water temperature of 30°C | 107,7 % |
| Seasonal space heating energy efficiency class | A |
| Useful heat output at rated thermal power P4 (for modulated boilers - arithmetic mean of min and max) | 45,0 kW |
| Useful heat output at 30% of rated power P1 (for modulated boilers - 30% of arithmetic mean) | 14,6 kW |
| Efficiency η_4 | 88 % |
| Efficiency η_1 | 97,5 % |
| Max water pressure | 3 bar |
| Max CH temperature | 95 °C |
| Standard adjustable temperature | 20-80 °C |
| Pump head at 0 flow | 0,7 bar |
| Range of water temperature regulation | 35-65 °C |
| Sound power level LWA | 69 dB |
| Emission of nitrogen dioxide | 50 mg/kWh |
| Emission class of nitrogen dioxide (NOx) | 5 |
| Max. amount of condensate (natural gas) | 4,7 l/h |
| Expansion vessel capacity | 8 dm ³ |
| Standby mode power consumption PSB | 0,005 kW |
| Electricity consumption at full load elmax | 0,10 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 | G3/4 inch |
| Dimensions | 730x400x440 mm |
| Weight | 37,5 kg |
| Exchanger material | stainless steel |