

Gas condensing boilers



Panther Condens

Wall-hang gas condensing boilers
for heating and hot water preparation



High efficiency

Advantages and benefits

- High reliability and performance of the boiler thanks to high quality components
- Wide range of output modulation
- High efficiency
- Comfort preparation of hot water
- Easy to use – thanks to its intuitive control panel concept
- Elegant design – for harmonious incorporation into an apartment or house interior
- Possibility of variable interconnection of the boiler with an external 58 l or 115 l hot water storage tank

Technical specification

- Boilers for heating with through-flow hot water preparation or boilers for heating with hot water preparation in an external storage tank
- 3 performance series with a wide modulation range
- Stainless steel condensing heat exchanger
- New hydro-block with easily accessible components
- Boiler control based on the “one button – one function” concept with a clear, backlit LCD display
- Enhanced self-diagnostics
- Built-in equithermic control
- Adapted to floor heating

Technical data

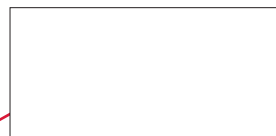
Main features of the boiler		12 KKO	25 KKO	25 KKV	30 KKO
Heating					
Output at temperature gradient 60 °C / 80 °C	kW	3.9 - 12.0	5.9 - 24.5	4.9 - 18.1	8,5 - 30,0
Output at temperature gradient 50 °C / 30 °C	kW	4.4 - 13.2	6.6 - 26.7	5.4 - 19.6	9,3 - 32,8
Fuel		natural gas	natural gas / propane		
Standardized efficiency at 40/30 °C	%	max. 109.5			
Adjustable range of HeW temperature	°C	10 - 80			
Expansion vessel	l	8			
Max. operating pressure	kPa	300			
Exhaust gas outlet		turbo			
Hot water heating					
Output		4.1 - 12.3*	6.1 - 30.6*	5.1 - 25.5	8,7 - 35,7*
Maximum pressure of HoW	MPa	–	–	1	–
Adjustable range of HoW temperature	°C	38 - 60*	38 - 60*	38 - 60	38 - 60*
Flow rate of HoW at Δt 30K	l/min	–	–	12	–
Electrical parameters					
Voltage / Frequency	V / Hz	230 / 50			
Input	W	151			
Electrical protection	IP	IPX4D			
Dimensions					
Dimensions (width / height / depth)	mm	418/740/344			
Weight without water	kg	37,1	37,7	37,1	38,3
Panther Condens + B60Z storage tank					
Storage tank volume	l	58	–	–	58
Maximum pressure of HoW	MPa	0,6	–	–	0,6
Expansion vessel of the storage tank	l	2	–	–	2
Time of HoW heating from 15 to 60 °C	min	18	10	–	8
Specific flow rate of HoW	l/min	10,8	13,6	–	14,4
Dimensions of the system					
Tank beside boiler set dimensions (width / height / depth)	mm	858/900/420		–	858/900/420
Tank under boiler set dimensions (width / height / depth)	mm	440/1948/420		–	440/1948/420
Weight of storage tank without water	kg	52	52	–	52

HeW - heating water / HoW - hot water

The manufacturer reserves the right to make technical changes.

* applies to heating of water in an additional storage tank

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