TERMET HEAT TITANIUM PRO

R290 EKOLOGICZNY CZYNNIK CHŁODNICZY ECO-FRIENDLY REFRIGERANT

termet MONOBLOK MONOBLOCK

Termet Heat Titanium Pro monoblock air-to-water heat pumps with R290 refrigerant are innovative and ecological solutions for heating and cooling buildings that combine high energy efficiency with low environmental impact. The main advantages of the heat pump are:

- heat pump tested in **an accredited laboratory**
- modern **reversible heat pump** that allows heating and cooling of rooms
- **monoblock design** - can be installed without the installer having f-gas qualifications
- **Mitsubishi inverter scroll compressor** designed for propane,
- **natural and ecological refrigerant propane (R290)** with very good thermodynamic properties
- **very low GWP coefficient = 3** (global warming coefficient)
- housing made of weather-resistant sheet metal
- **HyBlade fan impeller technology** combines the strength of an aluminum core and an aerodynamically optimized blade shape
- **electronic expansion valve** ensuring precise control of the operating parameters of the refrigeration system and heat pump efficiency
- high water temperature at the outlet of the heat pump **(above 55°C)**, which makes it ideal for radiator installations:
  - max. **55°C** - without an additional heater/heat source in the system
  - max. **75°C** - with an additional heater/heat source in the system
- **intelligent defrost** switched on when necessary - ensuring long-term operation of the heat pump and reducing heat loss
- **ProTect function** - an innovative safety system for propane heat pumps,
- **easy control** of the device's operation using the HPmulti controller - the controller is equipped with a touch, color display
- **support for up to 3 heating circuits** and a domestic hot water tank as standard
- ability to control and monitor the heat pump's operating parameters via the **Internet** using the xCloud module
- **HPmulti controller and xCloud module included with the heat pump**

parameters	Value
Heating output (A7/W35)	8,4 kW
Power consumption (A7/W35)	1,9 kW
COP (A7/W35)	4,5
Energy efficiency class	A++
Max temperature c.w.u.	55 °C
Temperature range of bottom-source (air)	-25 ÷ +43 °C
Temperature range of heating system	20 ÷ 55 °C
Pressure loss on the heating side	8 kPa
Refrigerant	R290
Quantities of refrigerant	1,5 kg
GWP	3
Dimensions (height x width x depth)	796 x 1150 x 620 mm
Weight	~157 kg
Localisation	outside
Protection class	IPX4D
Power supply	400 V, 50Hz, 3~/N/PE
Compressor	Scroll

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