

Heat pumps

5 YEAR WARRANTY
for compressor and heat exchanger.



PVP Inverter

Wide temperature range with a superior energy efficiency. Low noise emissions and starting currents. Five year warranty for compressor and heat exchanger.

Digital control with extended features. Monitors low and high pressures, low water flow and delta temperature (in/out).

The unit also controls the supply voltage and all sensors. Prepared for Wi-Fi control.

Tested according to the European standard EN14511 by an independent test institute TÜV.

Smart and silence mode

Silence mode is used for quieter operation at night. Smart mode adjusts automatically to the air temperature and water temperature for rapidly heating the pool to the desired temperature.

Accessories

Item no.

14983407	Ground stand for heatpump, PVP10, PVP13, PVP17
14983407	Wall stand for heatpump, PVP10, PVP13
14950181	Bypass-kit cc280-390, PVP10 - PVP17
14950182	Bypass-kit cc620-650, PVP28, PVP35

Features

- Frequency-controlled compressor
- Sizes from 9.8 - 27.5 kW
- Operation down to -7°C outdoor temperature
- Drip tray heater
- Electronic expansion valve
- Hot gas defrosting on demand
- Speed-controlled DC fan
- Large condenser surface area
- Superior COP and energy efficiency
- Wi-Fi modul as option

PVP inverter

Item no.		Type 10 14983311	Type 13 14983315	Type 17 14983316	Type 28 14983318	Type 35 14983317
Heating capacity in smart mode	Air +26°C, water +26°C**	2.1-9.8 kW	2.9-13.3 kW	3.4-17.3 kW	6.5-27.0 kW	7.0-35,2kW
	Air +15°C, water +26°C*	1.5-6.8 kW	2.1-9.4 kW	2.3-11.4 kW	4.5-18.0 kW	4,8-24,0kW
COP in smart mode	Air +26°C, water +26°C**	6.9-15.3	6.4-15.4	5.9-15.5	6.2-15.2	5.5-15.5
	Air +15°C, water +26°C*	4.6-7.7	4.4-7.8	4.3-7.8	4.5-7.9	4.5-8.0
COP at 50% capacity	Air +26°C, water +26°C**	10.7	10.6	10.8	11.0	10.6
	Air +15°C, water +26°C*	6.6	6.5	6.3	6.7	7.0
Sound pressure	at 1m dB(A)	38.6-49.9	41.3-54.0	43.1 -53.8	43.5-54.9	42.6-54.7
	at 10m dB(A)	18.6-29.9	21.3-34.0	23.1-33.8	23.5-34.9	22.6-34.7
Rated power at air +15°C (kW)		0.2-1.4	0.27-2.1	0.3-2.6	0.53-3.9	0.63-5.15
Rated operating current at air +15°C (A)		0.91-6.1	1.17-9.1	1.3-11.3	0.76-5.6	0.91-7.4
Electric connection			230V/1 ~			400V/3 ~
Recommended water flow (m³/h)		3-4	5-7	6.5-8.5	10-12	12-18
Water connection in-out (mm)			Ø 50 mm			
Weight (kg)		49	52	63	93	117 kg
Refrigerant		R410A				
Refrigerant amount		0.85 kg	1.15 kg	1.25 kg	2.6 kg	3,0 kg
Recommended max pool volume		35 m³	60 m³	75 m³	120 m³	169 m³

*Data at air temperature +15°C/water +26°C/humidity 70%

**Data at air temperature +26°C/water +26°C/humidity 80%