



MICROWELL

LEADING EUROPEAN MANUFACTURER OF SWIMMING POOL
DEHUMIDIFIERS, HEAT PUMPS AND GERMICIDAL AIR PURIFIERS

Swimming Pool Heat pump

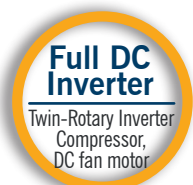
BLACK INVERTER



25m³ - 70m³ Pool
Available

Black line Inverter Microwell heat pump is primarily designed for small private swimming pools.

It is equipped with the most up-to-date cutting edge technology. All components inside the heat pump are fully adjustable. Heat pump is equipped with tailored regulation that constantly reads out multiple operational parameters to optimize current operations of the pump and to provide warm water in shortest possible time and at lowest possible noise.



Main Features:

- ▶ Full DC Inverter technology
- ▶ 3 working modes: BOOST Mode, ECO-Silent Mode, SMART Mode
- ▶ Soft Start (No more Intensity increase at the start of the compressor)
- ▶ Wi-Fi is optional
- ▶ Minimum working temperature: 0 °C
- ▶ High COP up to 10.9 = lower electricity consumption
- ▶ Automatic defrosting with smart control
- ▶ ABS front panel + metal back panel
- ▶ Simple and Intuitive Display

Digital display

as Standard



SIMPLE
AND
INTUITIVE

Smart Mobile APP

with Wi-Fi /Optional/



Parameters of HP BLACK Inverter:

Model	HP 900 BLACK Inverter	HP 1100 BLACK Inverter	HP 1500 BLACK Inverter
Advised pool volume (m ³)	25-45	30-60	40-70
Function	Heating / Cooling		
Operating air temperature	0 - 43 °C		
PERFORMANCE CONDITION: Air 27°C/Water 26°C/Humidity 80%			
Heating capacity (kW)	1.8 ~ 9.0	2.3 ~ 11.5	2.9 ~ 15.4
Consumed power (kW)-	0.17 ~ 1.55	0.21 ~ 1.95	0.27 ~ 2.70
COP	10.6 ~ 5.8	10.9 ~ 5.9	10.7 ~ 5.7
PERFORMANCE CONDITION: Air 15°C/Water 26°C/Humidity 70%			
Heating capacity (kW)	1.3 ~ 6.6	1.8 ~ 8.6	2.1 ~ 11.5
Consumed power (kW)	0.21 ~ 1.57	0.28 ~ 1.91	0.33 ~ 2.61
COP	6.2 ~ 4.2	6.4 ~ 4.5	6.3 ~ 4.4
PERFORMANCE CONDITION (in BOOST mode): Air 35°C/Water 32°C			
Cooling capacity (kW)	4.9	6.5	6.7
TECHNICAL SPECIFICATIONS			
Power supply	230V~/1Ph/50Hz		
Sound level at 1m dB(A)	41 ~ 52	43 ~ 54	44 ~ 55
Compressor type	GREE Rotary		
Water connection	50mm		
Fan motor	Dual-speed		
Casing	ABS		
Advised water flow (m ³ /h)	2.7	3.3	4.4
Refrigerant	R32		
PACKAGE DATA			
Net dimensions LxWxH (mm)	888 x 319 x 608	888 x 319 x 608	960 x 410 x 860
PRICE EXW (w/o VAT/EUR)	€	€	€

Remarks: * The data above is only for reference. For specific data, please refer to the nameplate on the unit.
Note: Manufacturer reserves the right to change above technical data without notice.

INCLUDED WITH THE PACKAGE:

- Silent blocks
- Connector for condensate water hose nuts
- 50mm Eco (low duty)
- Winter cover

