



MICROWELL

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

SEASONAL Heat Pump

HP BLACK Inverter



HP Inverter Technology



HP 900/1100 BLACK Inverter



HP 1500 BLACK Inverter



25m³ - 70m³ Pool Available

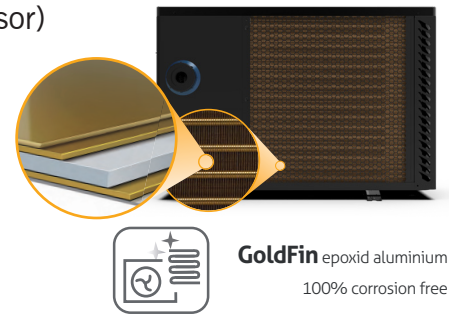
Black line Inverter Microwell heat pump is primarily designed for small private swimming pools.

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: -7°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



GoldFin epoxid aluminium
100% corrosion free

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	-7 ~ 43°C		
Water temperature range - heating mode	+15 ~ 35°C		
Water temperature range - cooling mode	+8 ~ 35°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 10m/1m dB(A)	40 / 49	41 / 50	43 / 53
Compressor type	GREE Rotary		
Water connection	50mm		
Fan motor	Dual-speed		
Casing	ABS		
Heat exchanger (Grade & Surface of Titanium)	Titanium Twisted Gr 1- ASTM265; Titanium Twisted Gr 1- ASTM265; Titanium Twisted Gr 1- ASTM265;		
	0.4m ²	0.5m ²	0.6m ²
Advised water flow (m ³ /h)	2.7	3.3	4.4
Refrigerant	R32		
Make	COMPACT / SPLIT		
PACKAGE DATA			
Net dimensions LxWxH (mm)	932 x 377 x 609	932 x 377 x 609	1015 x 427 x 766

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

