

FULL YEAR Inverter Heat Pump

HP GREEN Inverter Pro

RELAXATION WITH THE QUIETEST HEAT PUMP

★ 5 years WARRANTY ON COMPRESSOR ★

★ 5 years WARRANTY ON TITANIUM HEAT EXCHANGER ★

★ 2 years WARRANTY ON SPARE PARTS ★



HP Inverter Technology



HP 1100/1500 GREEN Inverter Pro



HP 1700/2100 GREEN Inverter Pro



HP 2700 GREEN Inverter Pro

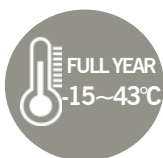
MICROWELL HP GREEN INVERTER Pro are Full high-end inverter swimming pool heat pumps with best equipment and features (exceeding Full low-end inverter and step inverter) They combine the highest quality and sophisticated inverter electronics.

It can go to 65% power (much quieter than 80%), making it the quietest inverter heat pump.

10.8 - 27.5 kW/ 30 - 125 m³



DESIGNED ACCORDING TO SWISS NOISE STANDARDS



Main Features:



Suitable for

Cold tubs, exterior pools, hot tubs



Automatic Heating/Cooling

Designed to reach the top results, they are able to change the mode fluently from heating to cooling, or other way round. It depends on the setting of the required pool temperature.



Simple and Intuitive Operation

Touch control display



Full stepless Inverter DC

Full stepless inverter DC compressor, brushless DC ventilator make start soft, which makes it less malfunctioning and has a longer life.



Full Year modification

Winter module for year-round use as standard. Winter tempering is possible from +18°C.



Wi-Fi

WiFi module for mobile phone control as standard



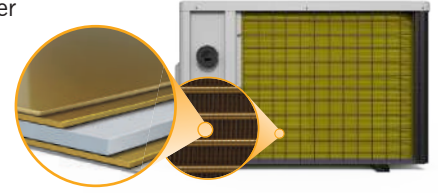
Low Noise Emission

It can go to 65% power (much quieter than 80%), making it the **quietest inverter.**



Hot gas defrost is STANDARD

Including 4-way valve hot gas defrost and EEV, condensate tray defrost, Air exchanger in Goldfin offering more hydrophobic surface and better heat Exchange efficiency.



GoldFin epoxid aluminium
100% corrosion free



Touch control display

Wall installation possible



Parameters of HP GREEN INVERTER Pro line

Model	HP 1100	HP 1500	HP 1700	HP 2100	HP 2700
PERFORMANCE CONDITION: Air 27°C/Water 27°C/Humidity 80%					
Heating capacity (kW)	10.8	15.0	17.0	21.0	27.5
COP	14-6.4	15-6.6	15-6.5	14.8-6.4	15-6.5
PERFORMANCE CONDITION: Air 15°C/Water 26°C/Humidity 70%					
Heating capacity (kW)	7.7	10.5	11.5	14.5	18.0
COP	7.5-4.5	7.7-4.6	7.8-4.6	7.1-4.6	7.5-4.6
PERFORMANCE CONDITION: Air 35°C/Water 28°C/Humidity 80%					
Cooling capacity (kW)	4.5	6.7	7.5	9.5	11.9
TECHNICAL SPECIFICATIONS					
Advised pool volume (m ³)	30/40	40/60	40/80	50/95	60/125
Sound level min. at 10m dB(A)	18.1-29.4	20.8-24.5	22.6-33.3	20.4-33.7	23.0-34.4
Operating air temperature (°C)	-15°C~+43°C				
Operating water temperature (°C)	+12°C~+40°C				
Compressor type	Mitsubishi Twin-Rotary Inverter Compressor				
Expansion valve	4-way valve hot gas defrost and GoldFin				
Heat exchanger (Grade & Surface of Titanium)	Titanium Twisted Gr 1-ASTM B265; 0.52m ²	Titanium Twisted Gr 1-ASTM B265; 0.7m ²	Titanium Twisted Gr 1-ASTM B265; 0.8m ²	Titanium Twisted Gr 1-ASTM B265; 0.9m ²	Titanium Twisted Gr 1-ASTM B265; 1.0m ²
Housing	ABS UV resistant on a metal chassis, sound insulation of the panels		Aluminium UV resistant on a metal chassis		
Refrigerant	R32				
Make	COMPACT / SPLIT				
INSTALLATION					
Power supply	230V/1pH/50Hz	230V/1pH/50Hz	230V/1pH/50Hz	230V/1pH/50Hz	400V/3pH/50Hz
Water connection	50mm (6.4")				
Protection and cable size (20m)	C 16 A (3G2.5mm ²)	C 16 A (3G2.5mm ²)	C 20 A (3G4mm ²)	C 20 A (3G4mm ²)	C 10 A (5G2.5mm ²)
Advised water flow (m ³ /h)	3-5	5-7	6.5-8.5	8-10	10-12
Net dimensions LxWxH (mm)	990 x 657 x 340	990 x 657 x 340	954 x 648 x 429	954 x 748 x 429	1084x 948 x 429
Net weight (kg)	49	52	63	68	93
ACCESSORIES					
Winter module (compressor heater and condensate tray heater)	YES, by standard				
Wi-Fi (SMART INVERTER mobile app)	Standard worldwide, IEEE802.11 b/g/n; 2,412-2,484 GHz; iOS/Android based on THUYA				
Operational modes	MAX - 100%, SUPER SILENT - 65%				
Dry ON-OFF contact	YES, by standard				
Inverter type	Speed; Max mode reached within 3min.				
Temperature setting range	HEATING +18°C...+40 °C / COOLING +12°C...+30 °C				
Automatic modes	MAX during the day; SUPER SILENT during the night				

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.

