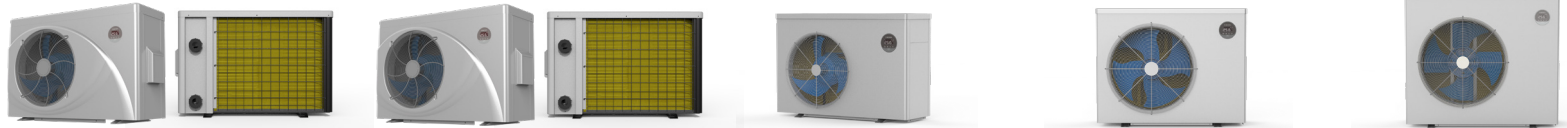


MICROWELL HP GREEN INVERTER PRO LINE 2021


Model	HP1100 GREEN INVERTER Pro	HP1500 GREEN INVERTER Pro	HP1700 GREEN INVERTER Pro	HP2100 GREEN INVERTER Pro	HP2700 GREEN INVERTER Pro
PERFORMANCE CONDITION (Air 27°C / Water 27°C / Humidity 80%):					
Heating capacity (kW)	10.8	15.0	17.0	21.0	27.5
COP Range	14~6.4	15~6.6	15~6.5	14.8~6.4	15~6.5
Average COP at 50% Speed	10.1	10.6	10.2	10.3	10.3
PERFORMANCE CONDITION: Air 15°C / Water 26°C / Humidity 70%					
Heating capacity (kW)	7.7	10.5	11.5	14.5	18.0
COP Range	7.5~4.5	7.7~4.6	7.8~4.6	7.1~4.6	7.5~4.6
Average COP at 50% Speed	6.3	6.4	6.2	6.3	6.3
PERFORMANCE CONDITION (Air 27°C / Water 15°C / Humidity 80%):					
Heating capacity (kW)	12.4	17.3	19.6	24.2	31.6
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					
Recommended pool volume (m ³)	30/40	40/60	40/80	50/95	60/125
Operating air temperature (°C)	-15°C~+43°C				
Compressor type	Mitsubishi Twin-Rotary Inverter Compressor				
Chassis	ABS UV resistant on a metal chassis - ABS RAL9007 SILVER		Aluminum Alloy on a metal chassis - RAL9006 SILVER		
Water heat exchanger	Titanium Grade 1 ASTM B265, twisted tube in plastic body				
Air exchanger	GoldFin epoxy with metal protection grill				
Power supply	230V/1ph/50Hz				400V/3ph/50Hz
Rated input power (kW)	0.20-1.71	0.27-2.28	0.29-2.5	0.41-3.15	0.48-3.91
Rated input current (A)	0.87-7.4	1.17-9.91	1.28-10.87	1.78-13.69	0.69-5.66
Max. input current (A)	10	13.5	15	17	7
Sound level 50% at 1m dB(A)	42.8	45.5	46	45.9	47.9
Sound level at 10m dB(A)	18.1~29.4	20.8~24.5	22.6~33.3	20.4~33.7	23.0~34.4
Recommended water flow (m ³ /h)	3~5	5~7	6.5~8.5	8~10	10~12
Water connection (mm)	50				
Net dimensions LxWxH (mm)	990x340x657	990x340x657	954x429x648	954x429x748	1084x429x948
Brutto dimensions LxWxH (mm)	1040x365x700	1040x365x700	1040x435x670	1040x435x770	1130x440x985
Net weight (kg)	49	52	63	68	93
Brutto weight (kg)	56	59	71	78	110
ACCESSORIES AND OTHER FEATURES					
Winter accessories	Winter module (compressor heater) and condensate tray heater				
Wi-Fi	Standard worldwide, IEEE802.11 b/g/n; 2,412 - 2,484 GHz; iOS/Android based on TUYA, mobile app - SMART INVERTER				
Operational modes	MAX - 100%, SUPER SILENT - 65%				
Dry ON-OFF contact	YES, by standard				
INVERTER technology	FULL HIGH END STEPLESS INVERTER - continuous setting between 0-100% to pin point the best efficiency				
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				