



Model	HP1000 GREEN	HP1400 GREEN	HP1700 GREEN	HP2300 INVENTOR	HP2400 PREMIUM	HP2800 INVENTOR	HP3000 PREMIUM	
PERFORMANCE CONDITION (Air 27°C / Water 27°C / Humidity 80%):								
Heating capacity (kW)	9.2	12.3	16.2	23.0	24.4	28.4	30.1	
COP Range	6.1	6.0	6.0	6.0	6.9	6.0	6.9	
PERFORMANCE CONDITION: Air 15°C / Water 26°C / Humidity 70%								
Heating capacity (kW)	6.4	8.6	11.3	17.6	18.7	22.9	24.3	
COP Range	4.7	4.7	4.7	5.4	6.3	5.4	6.3	
PERFORMANCE CONDITION (Air 35°C / Water 28°C / Humidity 80%):								
Cooling capacity (kW)	4.9	6.2	8.3	17.5	21.7	25.0	26.8	
TECHNICAL SPECIFICATIONS								
Recommended pool volume (m³)	30-45	40-55	50-70	60-80	60-80	80-120	80-120	
Operating air temperature (°C)	-5°C~+43°C, with ACCESSORIES: -15°C~+60°C							
Temperature setting range	+8°C~ +40°C			-5°C~ +45°C				
Compressor type	rotary			Panasonic / Sanyo, scroll				
Chassis	white ABS UV resistant on metal chassis; black fan grill			metal powder coated 180°C enamel /glitter blue/	metal powder coated 180°C enamel /exclusive glitter silver/	metal powder coated 180°C enamel /glitter blue/	metal powder coated 180°C enamel /exclusive glitter silver/	
Water heat exchanger	TITANIUM GRADE 1 ASTM B265							
Air exchanger	Plastic prot., GoldFin epoxy with metal protection grill							
Power supply	230V/1ph/50Hz			400V/3ph/50Hz				
Rated input power (kW)	1.4	1.8	2.4	3.5~5.5	3.51	4.2~7.0	4.34	
Rated input current (A)	6.1	7.8	10.4	6.5	6.5	9	9	
Max. input current (A)	10.3	12.4	16.4	10	10	14	14	
Sound level 50% at 1m dB(A)	46	52	54	56/50	56/50	56/50	56/50	
Sound level at 10m dB(A)	29	32	35	44/38	44/38	44/38	44/38	
Recommended water flow (m³/h)	4	5.3	7.1	8-10		8-12		
Water connection (mm)	50(6/4")							
Net dimensions LxWxH (mm)	910x360x620	1000x385x665	1000x385x665	940x360x1550	942x360x1550	940x360x1550	942x360x1550	
Net weight (kg)	39	49	56	100	118	102	120	
Refrigerant/filling weight (type/kg)	R32/0.53	R32/0.75	R32/0.9	R410A/2.80	R410A/2.90	R410A/3.00	R410A/3.10	
SPLIT version								
Refrigerant circuit connection	3/4" 1/4"	3/8" 5/8"	5/8" 3/8"	3/8" 3/4"		3/8" 3/4"		
Net dimensions LxWxH (mm) - water unit	480x280	520x335	580x325	630x450x590	970 x 340 x 275	630x450x590	970 x 340 x 275	
Net weight (kg) - water unit	7	7	10	16	17	16	17	
ACCESSORIES AND OTHER FEATURES								
CHILLER MAKE; water cooling down to +5°C	YES as accessory			YES as accessory		by standard	YES as accessory	by standard
TROPICAL MAKE; water heating & cooling in ambient up to +60°C	Standard worldwide, IEEE802.11 b/g/n; 2,412 - 2,484 GHz; iOS/Android based on TUYA							
Wi-Fi	Standard worldwide, IEEE802.11 b/g/n; 2,412 - 2,484 GHz; iOS/Android based on TUYA							
Phase monitor protection (incorrect order of phases, missing phase)	N/A			YES, by standard				
Salt & sea water	YES, by standard							
Digital / LCD display	YES, by standard							
Antifrost + Defrosting	YES, as accessory							
Water flow control	YES, by standard							