



Features & Benefits

- **Intelligent working modes**

Powerful ,smart,Silent modes to provide different heating capacity and cop .

- **Variable speed compressor**

Using variable speed compressor technology creates higher efficiencies .

- **DC inverter technology**

Increases performance and enables variable speed .

- **Eco-friendly R410A refrigerant**

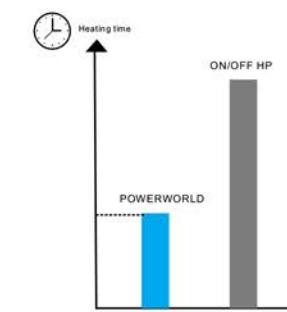
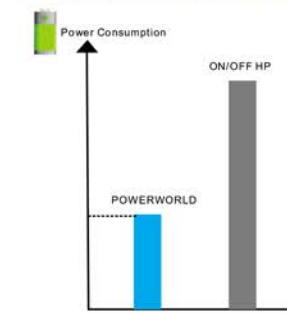
Using R410 environmental refrigerant, more energy saving, environmental protection, no harm.

- **Digital scroll technology**

Optimises output of the compressor.

with short heating time,users don't need to wait for a long time to enjoy swimming.In the meanwhile,it saves more energy than ON/OFF heat pump .

Save Energy and Speed up Heating Time



DC inverter swimming pool heat pump

[PARAMETER LIST](#)

Product model		PFSPS06-DC	PFSPS09-DC	PFSPS12-DC	PFSPS16-DC	
Advised pool volume(m3)(with cover)		10-25	12-40	15-60	25-85	
Parameters	heating*	Heating capacity (kW)	6.2-2.3	9.3-2.8	12.6-3.2	16.2-3.5
		Heating capacity (BTU/h)	21143-7843	31715-9548	42969-10913	55246-11936
		Input power (kW)	1.09-0.17	1.59-0.21	1.59-0.21	2.65-0.26
		COP	13.5-5.69	13.3-5.85	13.3-6.24	13.5-6.11
	heating**	Heating capacity (kW)	4.8-2.5	6.9-2.3	9.5-2.5	11.8-2.7
		Heating capacity (BTU/h)	16369-8526	23531-7844	32397-8526	40241-9208
		Input power (kW)	1.04-0.35	1.51-0.32	2.05-0.35	2.58-0.38
		COP	7.14-4.62	7.19-4.56	7.14-4.63	7.11-4.57
	Rated current(A)		4.4	6.9	8.5	11.7
	Minimum fuse current (A)		7	10	13	16
	Advised water flux(m³/H)		2.5	2.8	3.7	4.6
	IP Grade (Level of protection)		IPX4	IPX4	IPX4	IPX4
Anti-electric shock Rate		I	I	I	I	
Noise (dB(A)) (1m)		40-50	40-52	40-52	41-54	
Net weight/Gross weight(kg)		54/66		68/73	78/83	
Diameter of pipe (mm)		Φ50	Φ50	Φ50	Φ50	
Standard Configuration	Metel plate		ABS plastic casing black color			
	Body size(W*D*H)mm		1008×380×577		1050×440×709	
	Compressor		GMCC		Mitsubishi	
	Refrigerant		R410A			
	Power supply		220V/1p/ 50Hz-60HZ			
	Condenser		Titanium in PVC			
Package		wooden package				
Remark:heating*: working condition, Inlet water temperature 26°C, Outlet water temperature 28°C, Dry bulb temperature 26°C. Humidity 80%.heating**: working condition, Inlet water temperature 26°C, Outlet water temperature 28°C, Dry bulb temperature 15°C.Humidity 70%.						

DC Inverter Pool Heat Pump

Swimming pool energy saving solution

PowerWorld DC inverter pool heat pumps are designed to efficiently and consistently heat your pool year-round, while using up to 30-50% less electricity. The inverter heat pump heats your swimming pool water using the same principle of a reverse cycle air conditioner that heats your home. The warmer it is, the better it works.

[DESCRIPTION](#)

Control panel

