



Integrated with mature stepless DC inverter technology and user friendly control system, the heat pump is performance driven and designed to maximize user's experience and minimize the running cost.

DC inverter swimming pool heat pump

Product model		R06-DC	R09-DC	R12-DC	R16-DC	
Advised pool volume (m ³) (with cover)		10-25	12-40	15-60	25-85	
Parameters	Heating*	Heating capacity (kW)	6.2-2.5	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	2.02-0.24	2.65-0.26
		COP	5.69-13.5	5.85-13.3	6.24-13.3	6.11-13.3
	Heating**	Heating capacity (kW)	4.8-2.3	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	4.62-7.14	4.65-7.19	4.63-7.14	4.57-7.11
	Rated current (A)		4.4	6.9	8.5	11.7
	Minimum fuse current (A)		7	10	13	16
	Advised water flux (m ³ /h)		2.5	2.8	3.7	4.6
	IP Grade (Waterproof rate)		IPX4	IPX4	IPX4	IPX4
Anti-electric shock rate		I	I	I	I	
Noise (dB(A))		50-40	52-40	52-40	54-41	
Net weight/Gross weight (kg)		54/66		68/73	78/83	
Water connection (mm)		φ50	φ50	φ50	φ50	
Standard Configuration	Casing material: ABS plastic (Black color)					
	Body size (W*D*H) (mm)		1008*380*577		1050*440*709	
	Compressor: Rotary					
	Refrigerant: R32					
	Power supply: 220V/1ph/ 50Hz or 60Hz					
	Condenser: Titanium in PVC					

Remark:
Heating*: Inlet water temperature 26°C, Outlet water temperature 28°C, Dry bulb temperature 26°C, Humidity 80%.
Heating**: Inlet water temperature 26°C, Outlet water temperature 28°C, Dry bulb temperature 15°C, Humidity 70%.

Features

1. More Energy-efficient and Cost-saving

With the application of full inverter technology, the COP is up to 13.5 at 26°C/23.3°C(DB/WB). At 95% pool season, the heat pump runs by around 50% capacity, which leads to an average COP of 9. With the high COP, it can help users reduce 45% energy bill.



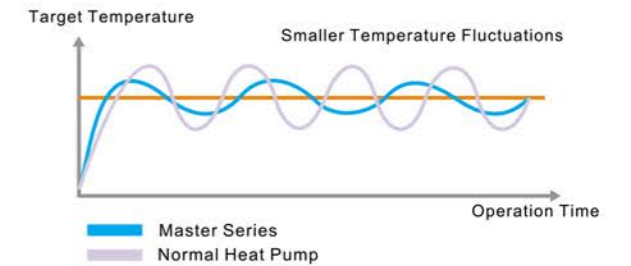
2. Fast Heating

With the inverter technology, the heat pump can run at high capacity to heat your swimming pool to target temperature at a very short time.



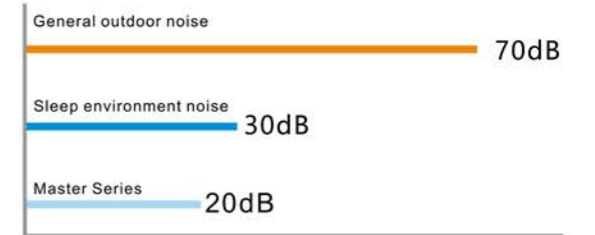
3. Constant Water Temperature

With the inverter technology, the heat pump can adjust the speed intelligently and run at low capacity to maintain the pool temperature.



4. Low Noise

With the inverter technology, the heat pump will run at low speed for most time. So the noise of heat pump will be at the low level for most time. Under the silent mode, the heat pump even can be amazing quiet, 20dB(A) at 10 meter.



5. Multiple Control Mode

Users can choose between powerful mode, smart mode and silent mode to meet different demands.

