



SWIMMING POOL HEAT PUMP

This series uses environmentally friendly refrigerants. It uses advanced heat pump thermostat technology and titanium disk heat exchange technology to heat or maintain the temperature of swimming pool water. It has a complete form of 12kw to 100kw to meet the heating requirements of different residential - commercial pools.

- High Cop: 5.12/5.8
- Max outlet water temperature: 40°C
- Power Supply: 220V/50Hz/1ph ~ 415V/50Hz/3ph
- Running temp: -10°C~45°C
- Heating Capacity: 12KW/21KW/26KW/35KW/50KW/70KW/100KW

Swimming Pool Heat Pump

FEATURES & BENEFITS

- 01 Hot and Cold
- 02 Low Electricity Consumption
- 03 Reverse cycle defrosting
- 04 Fully Automatic.
- 05 R410A refrigerant
- 06 Smart Customised control and Monitoring.



PARAMETER LIST

Product model		KB-SWM-12-1	KB-SWM-26-1	KB-SWM-35-2	KB-SWM-55-2	KB-SWM-75-3	KB-SWM-100-4
Parameters	Heating capacity (KW)	12.0	26	35.0	55	75	100
	Cooling capacity (KW)	9.5	16.5	24	34	65.1	65.1
	Input power (KW)	2.05	4.2	5.64	8.9	12.1	16.8
	COP	5.85	6.2	6.2	6.2	6	6
IP Grade (Level of protection)		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Anti-electric shock Rate		I	I	I	I	I	I
Noise (dB(A))		≤42	≤42	≤44	≤46	≤48	≤ 50
Net weight/Gross weight(kg)		63/68	115	185	200	248	352
Diameter of pipe (mm)		Φ50	Φ50	Φ50	Φ50	Φ50	DN90(PVC flange)
Standard Configuration	Body size(W*D*H*)	936*360*560	750*805*1165	1500*750*1070	1500*750*1075	1530*790*1100	1705*1065*3200
	Compressor	Rotary					
	Refrigerant	R410A					
	Power supply	220V/50Hz/1ph	415V/50Hz/3ph				
	Condenser	Spinal titanium Tube in PVC shell					

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%.