



Swimming Pool Heat Pump Heater



Characters Distinguishing From Other Products

- Automatic operation mode
- Auto-restart, Auto defrost.
- LCD Control panel with luxury outlook.
- Cooling&heating.
- Wide ambient range : -10 centigrade to 43centigrade
- Japanese brand compressor
- Green refrigerant R410



Other Main Characters

- Long operating life: Using the advanced stainless steel/titanium metal water heat exchanger, which resists the erosion from chlorine in the water
- Economical and high-efficiency: reduces operating costs by 65-80% than oil boilers, combustion gas boilers
- Bright design, easy installation and replacement
- Advanced controlling: micro-computer extremely easy to control intelligent controlling.



Technical data

Model No	RJ-48R/N2	RJ-65R/N2	RJ-85R/N2	RJ-120R/N2	RJ-180R/N2
Heating(W)	4800	6500	8500	12000	18000
Cooling(W)	3400	4500	6000	9000	13000
Input Power(W)	970	1300	1700	2600	3830
Rating current(A)	4.44	5.95	7.78	11.90	17.53
Max. Current (A)	7	10.0	14.0	20.0	28.0
COP	4.95	5.00	5.00	4.62	4.70
EER	3.51	3.46	3.53	3.46	3.39
Power supply	230V ~ 50Hz	230V ~ 50Hz	230V ~ 50Hz	230V ~ 50Hz	230V ~ 50Hz
Water temp range	15°C ~ 40°C	15°C ~ 40°C	15°C ~ 40°C	15°C ~ 40°C	15°C ~ 40°C
Ambient working temp	-10°C ~ 43°C	-10°C ~ 43°C	-10°C ~ 43°C	-10°C ~ 43°C	-10°C ~ 43°C
Dimension W x H x D		986 x 550 x 360	986 x 550 x 360	1060 x 615 x 370	
Net/gross weight (KG)		52/61	55/64	70/80	
Noise dB(A)	≤51	≤52	≤52	≤54	≤56
Water pipe connection	2"	2"	2"	2"	2"
Air to water heat exchanger		Titanium	Titanium	Titanium	Titanium
Minimum circulation water flow (L/MIN)	40	40	60	80	100
Refrigerant	R410A	R410A	R410A	R410A	R410A
Control type	LCD wire controller	LCD wire controller	LCD wire controller	LCD wire controller	LCD wire controller
Working mode	heating/cooling/auto	heating/cooling/auto	heating/cooling/auto	heating/cooling/auto	heating/cooling/auto

Cooling capacity is based on inlet water temperature 27°C, Ambient air temperature 35°C(DB)/27°C (WB)

Heating capacity is based on inlet water temperature 20°C, Ambient air temperature 24°C(DB)/19°C(WB)