

GREE Swimming Pool Heat Pump

Features: ☐ Standard ☐ Optional



WiFi



R32 Refrigerant



Intelligent Controller



Key Pad Lock



Anti-corrosion



Environmentally Friendly



Compact Design



Easy Maintenance



°C/°F Switch



Clock Display



Intelligent Defrosting



Clock Timer



3DC Inverter



3 modes (Cooling, Heating & Auto)

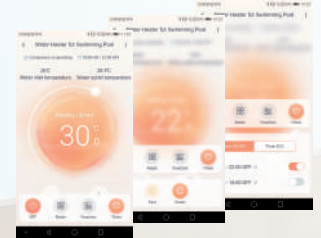
R32 DC Inverter Technology

The adoption of DC inverter fan, compressor and electronic expansion valve contributes to constant temperature control of the swimming pool and high-efficient operation of the system.

Multi-function Intelligent Control

Controller: ON/OFF, cooling, heating, AUTO, timing, quite mode, fast heating, etc.

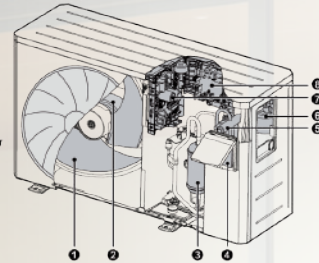
WiFi (on Gree+ APP): ON/OFF, Cooling, Heating, AUTO, Timing, Energy saving mode, fast heating, etc.



Compact Design & Easy Maintenance

Thanks to the isolated design of fan heat exchange system and electronic control system, as well as the three dimensional space layout of electronic control system, Gree swimming pool heat pump has concise appearance and compact design, which contributes to easy maintenance.

- ① Fan
- ② Motor
- ③ Compressor
- ④ Wire controller
- ⑤ Four-way valve
- ⑥ Water side heat exchanger
- ⑦ Driver board
- ⑧ Main control board



Anti-corrosion



Due to the adoption of seamless titanium tube by the water side, and rigid polyvinyl chloride PVC material by the outer shell, Gree swimming pool heat pump can achieve high acid resistance, great alkali resistance, excellent corrosion resistance, and low fluid resistance, which makes it more suitable for the heat exchange of frequently-disinfected swimming pool water.





			GRS-CP11Pd/NhA-K	GRS-CP18Pd/NhA-K
Heating Capacity	kW		11.8	18.8
	Btu/h		40,300	64,100
COP	W/W		5.8	5.2
Water Temperature Range	°C		10~40	10~40
Sound Pressure Level	dB(A)		52	55
Power supply	V/Ph/Hz		220-240 - 1 - 50/60	220-240 - 1 - 50/60
Heating Power Input	kW		2.02	3.62
Heating Rated Power Input	kW		2.5	4
Heating Current Input	A		9	16
Heating Rated Current	A		11	17.5
Refrigerant	-		R32	R32
Refrigerant Charge	kg		0.52	0.73
Dlmentsions (W x D x H)	Outline	mm	980 x 376 x 554	1085 x 402 x 657
	Package	mm	1061 x 423 x 705	1183 x 448 x 805
Net weight / Gross weight	kg		43/52	52.5/62.5
Loading Quantity	40' Container	unit	183	100
	40' High Cube Container	unit	183	150

*Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.

Model	Swimming Pool Volume (m³)		
	Ambient Temperature ≥25°C	Ambient Temperature 15~24°C	Ambient Temperature -15~15°C
GRS-CP11Pd/NhA-S	40~75	15~40	< 15
GRS-CP18Pd/NhA-S	55~95	20~55	<20

Note :

1. The recommended maximum pool volume is based on the ideal heating condition that the pool is well shaded; the filtration system runs for 15h per day, water temperature is maintained at 26°C, and ambient temperature ≥28°C.
2. The model selection should be comprehensively evaluated according to water refill temperature, wind speed on the surface of the swimming pool, ambient temperature, etc. If the ambient temperature is below 15°C, it is suggested to add the secondary heat source for auxiliary heating to improve the comfort.