

GREE Swimming Pool Heat Pump



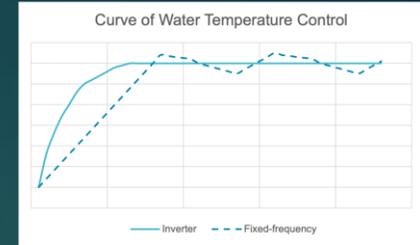
R32 DC Inverter Technology

The pool heat pump uses R32 DC Inverter Technology, including a DC inverter fan, compressor, and electronic expansion valve. This setup maintains a steady pool temperature and enhances energy efficiency. It's a reliable and efficient solution for pool heating.

Multi-function Intelligent Control

Controller Display board) : ON/OFF, Cooling, Heating, AUTO, Timer, Energy saving mode, Fast heating, etc.

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



Features: Standard Optional

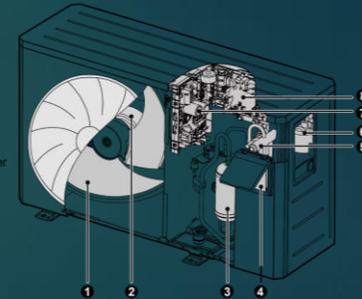
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|------------|-----------------|------------------------|--------------|----------------|-----------------------------------|----------------|------------------|
| | | | | | | | |
| WiFi | R32 Refrigerant | Intelligent Controller | Key Pad Lock | Anti-corrosion | Environmentally Friendly | Compact Design | Easy Maintenance |
| | | | | | | | |
| C/F Switch | Clock Display | Intelligent Defrosting | Clock Timer | 3DC Inverter | 3 modes (Cooling, Heating & Auto) | | |

Compact Design & Easy Maintenance

The Gree swimming pool heat pump boasts a sleek appearance and compact structure, thanks to the dedicated fan heat exchange system and three-dimensional layout of the electronic control system. This design ensures a concise look and facilitates easy maintenance.

Anti-corrosion

The Gree swimming pool heat pump incorporates a seamless titanium tube for the waterside and a rigid polyvinyl chloride (PVC) outer shell. This design ensures high acid resistance, excellent alkali resistance, and exceptional corrosion resistance. With low fluid resistance, it is especially suitable for the heat exchange of frequently disinfected swimming pool water.



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 26oC, and ambient temperature ≥ 28 oC.
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 15oC, it is suggested to add the secondary heat source for auxiliary heating to improve the comfort.

| | | 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 | |
| Dimensions (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 | |

| Model | Swimming Pool Volume (m ³) | | |
|------------------|---|--|---|
| | Ambient Temperature $\geq 25^{\circ}\text{C}$ | Ambient Temperature 15~24 $^{\circ}\text{C}$ | Ambient Temperature -15~15 $^{\circ}\text{C}$ |
| GRS-CP11Pd/NhA-S | 40~75 | 15~40 | <15 |
| GRS-CP18Pd/NhA-S | 55~95 | 20~55 | <20 |

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