

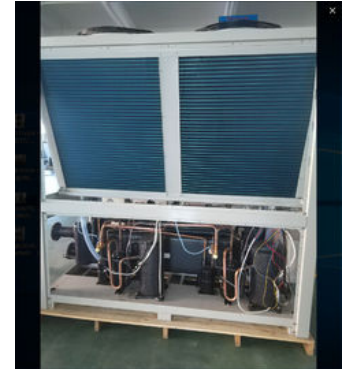
19KW Swimming Pool Water Heater Heat Pump Shell Tube Heat Exchanger Support WIFI

Our Product Introduction

for more products please visit us on horizontal-slurrypump.com

Basic Information

- Place of Origin: Guangzhou China
- Brand Name: horizontal-slurrypump.com
- Certification: CE ISO CCC UKAS,ROHS
- Model Number: OEM
- Minimum Order Quantity: 5 PCS
- Price: Negotiation
- Packaging Details: Plywooden case
- Delivery Time: 15 days
- Payment Terms: T/T, L/C WESTERN UNION
- Supply Ability: 800/MONTH



Product Specification

- Material: Galvanized Sheet
- Contactor: Fuji Brand
- Copper Thick: 1 Mm
- Compressor: With Oil Heater
- Working Temperature: -20--45 Degree
- Insulation: Foam Pack Pipe And Stick On The Machine Inner
- Display: LCD Figer Touch
- Control: Wifi Function Support
- Highlight: **inground pool heat pump**



More Images



Product Description

20HP Swimming pool heat pump Shell tube heat exchanger white shell efficient operation average heating input power 19KW

Technology Specification

Quick Details

Rated heating capacity	KW	84
Average heating input power	KW	19
Rated heating input current	A	35
Max outlet water temp	°C	35
COP		4.5
Power	V/Hz	380V/50
Noise	Db(a)	65
Dimension	W*D*H	mm 1990*980*2080
Packing size	W*D*H	mm 2080×1150×2130
Unit weight	KG	650
Refrigerant		R417A/R407C/R410A
Working air temp range		(-20°C)—45°C
compressor	Type	Copeland
Air source heat exchanger	Type	Finned heat exchange
	Fan Type	axial flow fan
Hot water side heat exchange	Type	Titanium heat exchanger
	Water flow	L/H 28000L/h
	Water pressure down	Kpa 60
	Pipe size(water connection)	DN 63

Machine interior accessories

<p>1 .Titanium tube heat exchanger</p> <p>Titanium, a corrosion-resistant material, is used as a heat exchange material and is mainly used as a heat exchanger for swimming pool water, salt water, industrial water, etc., which have relatively high chloride ion content.</p>	<p>2 .Electronic control system</p> <p>With powerful engineering supporting control functions, cold and heat source end and load end circulating water pump, backwater, electric heating, antifreeze, etc., make the control easier. According to the needs of different projects, it can set various parameters by itself to realize various water supply schemes. The entire system can be automated without special care.</p>
<p>3 .Condensation heat exchanger</p> <p>In combination with the American and foreign thread tube technology, a new type of "spring" type spiral tube condenser was successfully manufactured. Better heat transfer, faster heat transfer, and higher efficiency, minimize fouling, extend heat pump life and reduce maintenance.</p>	<p>4 . Shell tube heat exchanger</p> <p>Shell and tube heat exchangers are specialized for water Heat pump, its structure is easy to clean and maintain.</p>

<p>5 . Condensation heat exchanger In combination with the United States and the United States outside the threaded pipe technology, successfully created a "spring" spiral tube new structure condenser. Better heat transfer, faster heat transfer, and higher efficiency, minimize fouling, extend heat pump life and reduce maintenance</p>	<p>6 . Evaporation heat exchanger The use of a high-efficiency plate heat exchanger has high heat transfer efficiency, small footprint, and small heat dissipation. In the case of poor water quality, the use of a plate heat exchanger is the best choice.</p>
<p>7. Electronic expansion valve The introduction of the latest Japanese technology in conjunction with the company's control system has led to the development of a unique electronic expansion valve control method and the use of digital technology control to control the working fluid to achieve the best flow velocity effect, thereby increasing the COP value</p>	<p>8 . Evaporation heat exchanger The hydrophilic membrane aluminum foil used does not cause oxidative separation even after long-term use of the hydrophilic layer. This type of evaporator has a special point: superior water-skipping performance, which can reduce the wind resistance, so that the condensate drain out of the machine quickly. Internally-threaded copper tubes and corrugated aluminum foil structures greatly enhance the evaporator's</p>
<p>9 .compressor The world-famous Copeland Flexible Scroll Compressor has functions such as low wear resistance, long service life, over-current protection, phase loss protection, over-the-counter protection, strong liquid-impact resistance, and high and low voltage protection. Copeland compressor built-in pressure relief valve in the body can automatically relieve pressure when the high pressure is too high</p>	

Payment service

1. T/T
2. L/C (for container order only)

FAQ

Q1. Can I have a sample order for Heat pump or Water tank?

A: Yes, we welcome sample order to test and check quality. Mixed samples are acceptable.

Q2. What about the lead time?

A: Sample needs 3-10days, mass production time depend on the products'quantity.

Q3. Do you offer guarantee for the products?

A: Yes, 12 months since the heat pump depart from the port of loading (Refer to the Bill of Lading).

Certificates we have got :

- 1> ISO 9001, ISO 14000
- 2> Our company has been inspected and certificate by EMC
- 3> CE And EN14511, EN 14825-ERP for heat pump exported to europe

4> Energy label for all heat pump models sold to oversea market

5> Testing laboratory calibrated by CNAS

QC

1. Complying with ISO standard. Quality Ensured.

2. Complete Inspection for each unit before out of factory, covering water system and electricity detection and testing, ensuring 100% right product before shipment.

3. Strict quality control during production. We have liquid soap detection, halogen detection, electrical detection and water-soaking detection during production to avoid gas leakage and electrical problems .

4. Full inspection on bigger parts such as compressors, condensers, evaporators, expansion valves, flow switches, controllers etc.. Selection inspection for small parts such as sensors, pressure switches etc..

5. Well noise control by using mute cotton for casing plates and soft rubber feet for floating compressors, some of the models use compressor isolation shields.

6. Well insulated with insulated cotton for every pipe and parts, include compressor, dryer filter and each pipes.

7. We have passed TUV and SGS inspections. We have CE, RoHs, IEC, CCC, CB certificates for most of our products. Some of our products have en14511 test, en14825 test.

Packaging & Shipment

1>Meeting heat pump can sure delivery heat pump within 5~20 working days as we warehouse stock condition.

2>Heat pump with strong plywood pallet , strong plywood box for loading, make sure no problem happen during rude transportation .

3>All spare parts of the heat pump water heater will together loading into package , one time finished shipment to buyer.

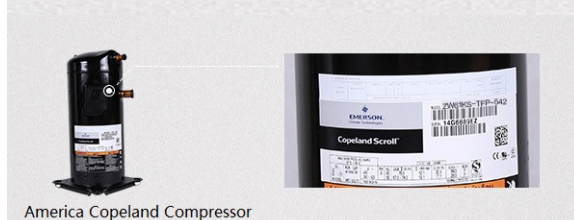
4>Take video of the heat pump for buyer before package to 100% sure buyer get product same as order, no any different.

5>Meeting heat pump offer 100% test online, 5% test in Lab by 24 hour for one lot order (if not new

Mainly parts :

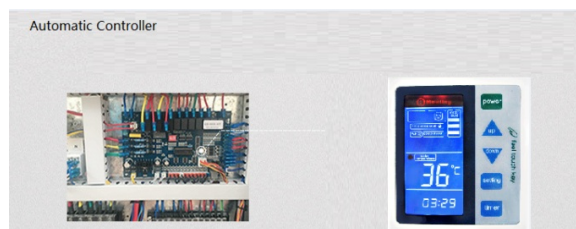
High quality compressor

America Emerson Company Copeland Brand Compressor
MD30D,MD40D,MD50D,MD60D,....All use ZW Series



America Copeland Compressor

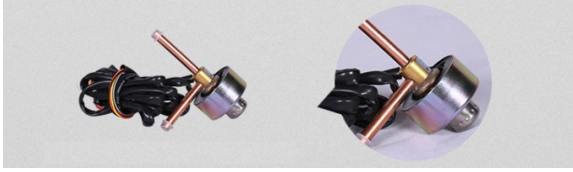
Safety controller



Top efficient expansion valve





Sanhua Electric Expansion valve



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