



Commercial Geothermal Water To Water Heat Pump Energy Efficient 879 ~ 1548kW

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: horizontal-slurypump.com
- Certification: CCC, ISO, CQC
- Model Number: OEM
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Reinforced Carton box with wooden tray
- Delivery Time: 1-2 weeks
- Payment Terms: T/T
- Supply Ability: 10 sets/day



Product Specification

- Product Name: Water To Water Source Heat Pump
- Feature: Commercial
- Application: Hotels, Restaurants
- Advantages: Energy Efficient
- Working Fluid: Small
- Highlight: **geothermal heat pump**

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

Product Description

Commercial Water To Water Source Heat Pump Energy Efficient 879~1548kW

Water To Water Source Heat Pump Introduction

Magnetic suspension centrifugal compressor, liquid-cooled frequency converter, well-known brand controller, self-developed high-efficiency condenser and falling film evaporator, with full energy saving, high integration, environmental protection, low noise and easy maintenance.

Scope of application

Cooling capacity range: 879~1548kW Refrigerant: R134a

Water To Water Source Heat Pump Characteristics

1. Energy saving throughout the whole process: COP and IPLV all achieve national level energy efficiency and reduce carbon emissions. Reduce the impact on the ecological environment;
2. Compact structure: compact structure, leading industry, easy to transform old projects;
3. Low noise operation: the running noise is lower than 74dB;
4. Green and environmental protection: R134a environmentally friendly refrigerant is used, the refrigerant charge is reduced by 40%, and there is no damage to the ozone layer;
5. Convenient maintenance: oil-free system and gearless transmission design, maintenance costs are greatly reduced;
6. Magnetic suspension bearing technology, permanent magnet motor frequency conversion technology, reducing energy loss and lower power consumption;
7. Falling film evaporation technology: less refrigerant injection, lower reliability, film evaporation, higher heat exchange efficiency.

Water To Water Source Heat Pump Features:

1. High heat exchange efficiency.

The falling film evaporator used in the unit, the refrigerant is supplied from the upper part of the refrigerant, the internal heat exchange tubes are arranged according to a specific array, and the liquid supply distributor is arranged above the heat exchange tube. The refrigerant liquid is evenly dropped onto the heat exchange tube array, and a film is formed on the surface of the heat exchange tube, so that the refrigerant is in full contact with the heat exchange tube, and the vaporized gas is collected above the evaporator and passed through the passage. The suction pipe draws into the compressor. Therefore, the evaporation of the refrigerant in the falling film evaporator is more sufficient, and the heat exchange efficiency is higher. Compared with dry and full liquid evaporators, the heat transfer efficiency can be increased by about 10%.


2. The amount of working fluid is small and has obvious environmental benefits.

In the falling film evaporator, the refrigerant liquid can be fully evaporated by forming a film on the surface of the heat transfer tube. The refrigerant liquid in the flooded evaporator must be kept at a specified height to fully evaporate, and the refrigerant usage can be reduced by more than 20% compared with the full liquid evaporator. It has very important environmental significance.


Water To Water Source Heat Pump Application

Applicable to villas, hotels, restaurants, hospitals, factories, office buildings, theaters, stadiums, residential quarters, textiles, food, medicine, metallurgy, petroleum, chemical and boiler renovation projects.

 **ROMAN Beijing Silk Road Enterprise Management Services Co.,LTD**

 0086-17773109286

 jeffreyth@slurypump.com

 horizontal-slurypump.com

Floor 5, 2nd Building, Zhonglu Industrial Zone, Shenzhen City, Guangdong Province China (Mainland)