



## Professional High Temperature Water Source Heat Pump 7 ~ 28kw Maximum 75 Degree C

Our Product Introduction

for more products please visit us on [horizontal-slurypump.com](http://horizontal-slurypump.com)

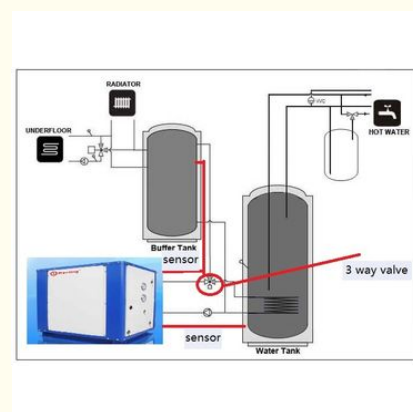
### Basic Information

- Place of Origin: Guangzhou China
- Brand Name: horizontal-slurypump.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

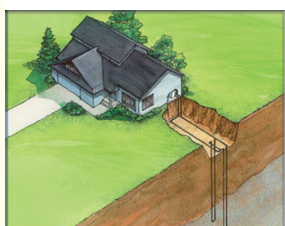


### Product Specification

- Materail: Galvanized Sheet
- Contactor: Fuji Brand
- Copper Thick: 1 Mm
- Compressor: With Oil Heater
- Display: LCD Fnger Touch
- Control: Wifi Function Support
- Highlight: high temperature air to water heat pump



### More Images



## Product Description

### Professional High Temperature Water Source Heat Pump 7~28kw Maximum 75 Degree C

#### 1. HIGH EFFICIENCY & ENERGY SAVING:

Meeting Air Source Heat Pump Water Heater COP >4 , Saving 70%~80% electricity cost.(7dC Ambient Temp,35dC Output Water Temp)

#### 2. HEAT PUMP COMPRESSOR:

Meeting Air Source Heat Pump use Famous Brand scroll ZWKSE series compressor and environmentally friendly refrigerant R407C/R410A/R417, stable working at -25dC ambient temperature.

#### 3. HEAT PUMP EXCHANGER:

Use high efficient tank heat exchanger for heating & domestic hot water. Stainless steel plate heat exchanger for heating & cooling.

#### 4. AUTOMATIC DEFROSTING:

Automatic defrosting and power-off memory function.

#### 5. INTELLIGENT MICROCOMPUTER SYSTEM:

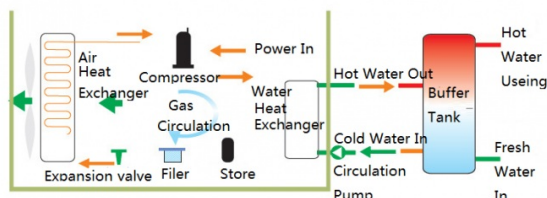
With LCD panel, can manually, automatically switch heat pump unit on/off, timer switch unit on/off, fault alarm, fault code display.

#### 6. MULTIFUNCTIONAL SELF-PROTECTION:

Phase sequence protection, high and low pressure protection, current protection, high and low temperature protection, antifreeze protection on low temp Heat Pump.

#### 7. ANTI FREEZE:

Add chassis electric heater to avoid condensate water freezes in winter.



### Detailed Product Description

#### Modular ground source heat pump electrically powered system

Meeting geothermal ground source heat pump is a electrically powered system that takes advantage of the earth's constant ground temperature to provide heating, cooling and hot water for your home or business.

Meeting modular geothermal ground source heat pump, can be easily connected together for any size heating & cooling system at the project spot. Maximum 64 units can be worked together for the largest 3840KW output capacity.

Water to water system pumps heat through the use of a simple refrigeration system, it pumps heat from the warm earth in the winter and move it into your house or business. In the summer, the process is reversed. Since it costs far less to move heat than to make it, much less energy is consumed.

For closed loop system, water or an antifreeze solution is circulated through plastic pipes buried beneath the earth's surface. During the winter the fluid collects heat from the earth and carries it through the system and placing it in the ground.

MODEL		Unit	MDS50D
Rated heating capacity		KW	19
Hot water supply		L/h	400
Average heating input power		KW	4.4
Rated heating input current		A	9
Max outlet water temp		℃	80
COP			4.2
Power		V/Hz	380V/50
Noise		Db(a)	50
Dimension	W*D*H	mm	657×557×765
Packing size	W*D*H	mm	737×637×915
Unit weight		KG	145
Refrigerant			R134A
Working air temp range		℃	(-40℃)—45℃
compressor	Type		Copeland
water source heat exchanger	Type		Plate heat exchange
	Pipe size	DN	32
Hot water side heat exchange	Type		Coil heat exchanger
	Water flow	L/H	5000L/h
	Water pressure down	Kpa	40
	Pipe size	DN	25
	Max house heating	M2	150

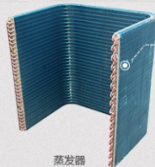
America Emerson Company Copeland Brand Compressor  
MD30D,MD40D,MD50D,MD60D,....All use ZW Series



America Copeland Compressor

#### Evaporator

Every layer with 2mm distance , High quality raw materail and 1 mm Copper Pipe



蒸发器

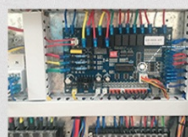
#### Coil Heat Exchanger

Scroll Coil Heat Exchagner , Have high Efficient work ,And good quality Copper material



套管换热器

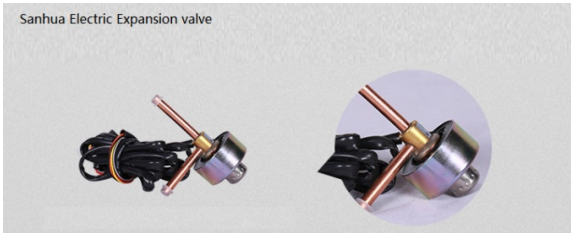
#### Automatic Controller



#### Sanhua Four Way Valve




Sanhua Electric Expansion valve



 **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)