



## 80 C Degree High Temperature Heat Pump For Radiator Heating Fan Coil

Our Product Introduction

for more products please visit us on [horizontal-slurrypump.com](http://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 Steel Sheet
- Contactor: Fuji Brand
- Copper Pipe Thick: 1 Mm
- Compressor: ZW Series ,With Crank Heating
- Working Temperature: -20--45 Degree
- Insulation: Foam Pack Pipe And Stick On The Machine Inner
- Name: Commercial Hot Water Heat Pump
- Temperature: 80 Degree
- Highlight: **high temperature air to water heat pump**



### More Images



## Product Description

1. Adopt world famous parts
2. Suitable for the coldest winter area
3. The most high efficiency heat pump
4. Maintenance free

Earth-water geothermal ground source heating pumps designed and tested by European standard EN14511, approved and tested by ECM china branch. Characterized by its high COP, competitive price and perfect quality.

Meeting Ground source heat pump, works by using heat stored in the ground from the sun's solar radiation to supply all of the energy required for a home's heating and hot water system.

Meeting geothermal ground source heat pump adopts the following world famous parts:

- LCD finger touch Siemens controller Option
- Stainless steel plate type heat exchanger (SWEP or GEAOption )
- Copeland scroll compressor
- Fuji A/C contactor
- Emerson expansion valve
- Emerson dry filter
- Honeywell R410a/R417A refrigeration

How it works

There are three important elements to a ground source heat pump:

### 1. The ground loop

This is comprised of lengths of pipe buried in the ground, either in a borehole or a horizontal trench. The pipe is usually a closed circuit and is filled with a mixture of water and antifreeze, which is pumped around the pipe absorbing heat from the ground. The ground loop can be:

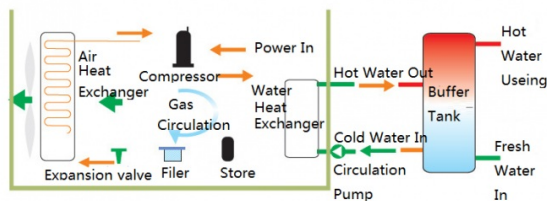
- Vertical, for use in boreholes
- Horizontal, for use in trenches
- Pond/Lake installation

### 2. A heat pump

In the same way that your fridge uses refrigerant to extract heat from the inside, keeping a ground source heat pump extracts heat from the ground, and uses it to heat your home.

### 3. Heat distribution system

This consists of under floor heating or radiators for space heating and in some cases water storage for hot water supply.



MODEL	Unit	MD60D	
Rated heating capacity	KW	21	
Rated Cooling capacity		15	
Hot water supply	L/h	520	
Average heating input power	KW	5.68	
Rated heating input current	A	12	
Max outlet water temp	°C	80	
COP		4.2	
Power	V/Hz	380/50	
Noise	Db(a)	60	
Dimension	W*D*H	mm 1120*490*1270	
Packing size	W*D*H	mm 1200*520*1425	
Unit weight	KG	210	
Refrigerant		R134A	
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	Coil heat exchanger	
	Water flow	L/H	6000
	Water pressure down	Kpa	48
	Pipe size	DN	25
	Max flat square meter	M2	175

Adopt with world famous parts:

- 1) Copeland scroll compressor
- 2) Automaticly controller
- 3) Stainless steel plate type heat exchanger
- 4) electronic parts
- 5) Emerson expansion valve and dry filter
- 6) Honeywell 3 way revert valve is optional part

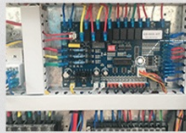
- 7) Adjustable low pressure switch
- 8) Wilo water pump (option)
- 9) 3KW electric heater (option)

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



America Copeland Compressor

Automatic Controller



Sanhua Four Way Valve




Sanhua Electric Expansion valve



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