



## Air Source High Temperature Heat Pump Maximum 80 Degree For Old House Heating

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 Steel Sheet
- Name: High Temperature Air Source Heat Pump
- 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 Innner
- Defrosting: Automatically
- Temperature: 80 Degree
- Highlight: high temperature air to water heat pump



### More Images



## Product Description

### ABOUT US

- 1). We were established in 2001.
- 2). We are a professional heat pump manufacturer, Located around baiyun Air port
- 3). We are trading on Meeting Brand ,Meeting heat pump Well-know brand we operate in Europe market
- 4). Our company has been inspected and certificated by TUV and SGS.
- 5). We are the one of the first manufacturers whose heat pumps are with top COP gaining grants from Chinese government.
- 6). We pass ISO9001 quality management system and ISO14000 environment protection system
- 7). Our testing laboratory can test heat pump up to 60KW heating capacity and create testing air temperature condition during -25DegC~45DegC, according to EN14511 standard.
- 9). Our leading products: Air to water heat pump , DC inverter heat pump, High water temperature heat pumps  
Monoblock house heating heat pumps ,Split heat pump ,Super low noise heat pump  
Heat pump dryer ,Ground source heat pump , water to water heat pump , swimming pool heat pump

Guangzhou Jinlun Electric Equipment Co., Ltd. established at 2001, with 109 employees and work staffs, 20, 000 square meter work shop.

Impressed by the founder's specialist knowledge and experience at refrigeration fields, helped by the closed cooperation with engineers from world famous companies such as Copeland, Emerson, Carel, Siemens, SWEP, Honeywell, etc. Meeting management team is keen to committed innovation to develop low carbon emissions heat pumps to fight for the world warming and power shortage.

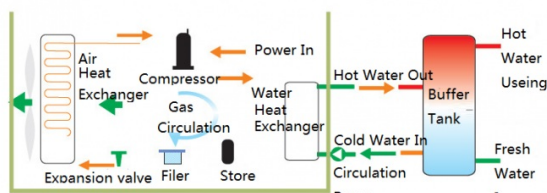
We are heat pumps, chillers (water cooler), Pool Dehumidifier ,Heat pump dryer, fan coils manufacturer in China, with 18 years production and developing experience.

The main export market is Europe.

The products designed by European standard EN 14511, approved by ECM with its high efficiency.

### Distinguishing features:

1. It delivers higher capacity at low evaporating temperature thereby better responding to heating requirement thanks to EVI compressor
2. It also results in less supplementary heating to cover the full heating demand on the coldest days.
3. Workable ambient temperature range - 25°C to 43°C.
4. Two speed energy saving fan motors. The speed of fan varies so only the required amount of air is utilized. The blades are specially designed to move as much air as possible at the lowest noise level.
5. Timer ON/OFF
6. Free of freeze even at low ambient temperatures as outdoor unit just has refrigerant instead of water
7. Varied heat curve. Controlled water temperature varies according to ambient temperature
8. Most components are well sealed to retain heat and prevent dripping.



MODEL	Unit	MD100D
Rated heating capacity	KW	36
Rated Cooling capacity		24
Hot water supply	L/h	800
Average heating input power	KW	9.2
Rated heating input current	A	18
Max outlet water temp	°C	80
COP		4.2
Power	V/Hz	380V/50
N	Db(a)	60
Dimension	W*D*H	mm 1450×760×1060
P	g size W*D*H	mm 1520*800*1230
Unit weight	KG	289
R	erant	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 10000L/h
	Water pressure down	Kpa 54
	Pipe size	DN 32
	Max flat square meter	M2 300

### 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.

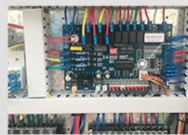
**America Emerson Company Copeland Brand Compressor**

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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