



## DC Inverter Heat Pump 18KW Ground Source Heat Pump For Hot Water

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: M-D18WDH
- Minimum Order Quantity: 10 units
- Price: negotiate a price
- Packaging Details: Factory standard packing
- Delivery Time: 25-30 days
- Payment Terms: T/T
- Supply Ability: 20 units one day



### Product Specification

- Heat Exchanger: Plate Heat Exchanger
- Refrigerant: R410A
- Power Supply: 230V/1P/50HZ
- Type: Water To Water
- Throttle Device: EEV
- Control: LCD Touch Panel Standard/internet ,APP Control Alternative
- Name: Custom Heat Pump
- Highlight: **DC Inverter Heat Pump 18KW,  
Ground Source Heat Pump Hot Water,  
Ground Source Heat Pump For Hot Water**

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## Product Description

### 18KW Custom Heat Pump inverter Ground Source Heat Pump hot water

#### Product Description:

The water-to-water heat pump may be applied in a boiler/cooling tower setting, in a geothermal closed or open loop application, or in a hybrid application. All units accommodate service access to the controls, and other major components to contribute to greater serviceability and maintainability of the unit.

Water-to-water heat pumps transfer the underground heat energy from hot water or steam to indoor hot water or steam. This hot water or steam is then distributed within homes and businesses through radiators, hot water baseboard heaters, or radiant floor heating. When a hotter material comes into contact with a colder one, this temperature difference causes heat to naturally move from hot to cold, so heat pumps are renewable and efficient.

#### Feature:

1. High Cop: 5.10/5.25/5.20(Rated working condition: heating: source side inlet/outlet water temp: 10 /7 , use side inlet/outlet water temp: 30 /35 )
2. Hot Water Temp: 20 to 65
3. Power Supply: 380V/50Hz/3P,220V/50Hz/1P
4. Source Side Temp: -3 to 30
5. Heating Capacity: 5KW/12KW/18KW/24KW

#### Specification:

Model		M-D18WDH
Performance at W10/7 ,W30/35		
Rated Heating Capacity	kW	18
Heating Capacity Range	kW	5.5-19.8
COP	/	5.15
Rated Input Power	kW	3.5
Performance at W0/-3 ,W30/35		
Rated Heating Capacity	kW	15.48
Heating Capacity Range	kW	4.64-17.03
COP	/	4.3
Rated Input Power	kW	3.58
Functions	/	Hot water+Room heating/cooling+Solar control(Change over automatically)
Control	/	LCD touch panel standard/internet ,APP control alternative
Delivery Water		20-65
Power Supply	/	380V/3P/50Hz
Noise	dB(A)	40

#### Advantages:

Meidibao DC inverter water source heat pump utilize DC inverter technology and REPM compressor which running speeds can be adjusted follow the variation of ambient or water temperature, hence to regulate the output capacity with changeably, this can heat the storage tank or room much quicker than normal on/off heat pumps, and balance the water or air temp very precisely.

This also provides a very high COP as inverter system does not waste the energy. By inverter technology of frequency changeable the inverter heat pump can increase the compressor speeds to be more than 5000rpm at very low ambient at -25 . This can increase refrigerant mass flow rate to offset the source energy loss in very cold climate and keep an acceptable performance

## ► Characteristics



DC inverter technology



Domestic hot water



House heating



House cooling



Quality component



Save energy



Anti freezing



Wide heating capacity



Modular control

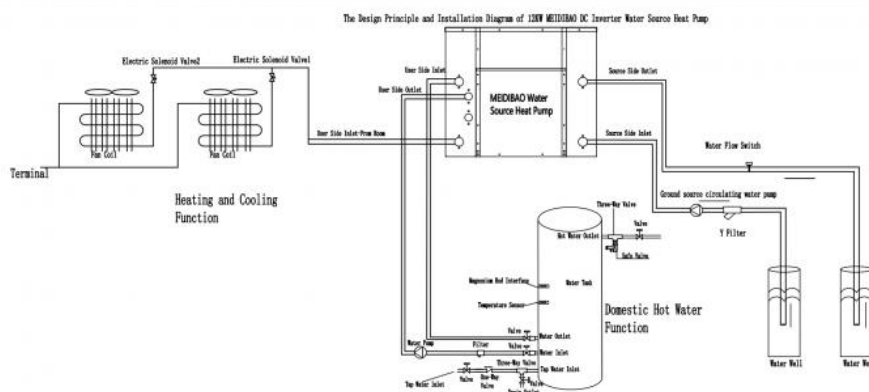


Quiet running

## ► Core Technologies



## ► High Quality Components



## Geo Heat Pump

### Geo Heat Pump

A steady stream of geothermal energy and water



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