



18KW Ground Source Heat Pump with LCD Touch Panel Control and R410A Refrigerant for Efficient Hot Water Heating

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

DC Inverter Heat Pump 18KW Ground Source Heat Pump For Hot Water & Baseboard Heaters

Product Overview

The 18KW Custom Heat Pump inverter Ground Source Heat Pump is designed for efficient hot water production and space heating applications. This water-to-water heat pump can be applied in various settings including boiler/cooling tower configurations, geothermal closed or open loop applications, or hybrid systems.

Key Features

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)

Hot Water Temperature: 20 to 65

Power Supply: 380V/50Hz/3P, 220V/50Hz/1P

Source Side Temperature: -3 to 30

Heating Capacity: 5KW/12KW/18KW/24KW

Technical Specifications

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

Technology Advantages

- Utilizes DC inverter technology and REPM compressor with adjustable running speeds
- Automatically adjusts output capacity based on ambient or water temperature variations
- Heats storage tanks and rooms faster than conventional on/off heat pumps
- Provides precise temperature balancing for water and air
- Delivers high COP as inverter system minimizes energy waste

Frequency changeable technology enables compressor speeds exceeding 5000rpm at -25 ambient temperatures

Increases refrigerant mass flow rate to offset source energy loss in cold climates

Maintains acceptable performance even in very cold climate conditions

Product Images

► Characteristics



DC inverter technology



Domestic hot water



House heating



House cooling



Quality component



Save energy



Anti freezing



9KW
|
360KW

Wide heating capacity

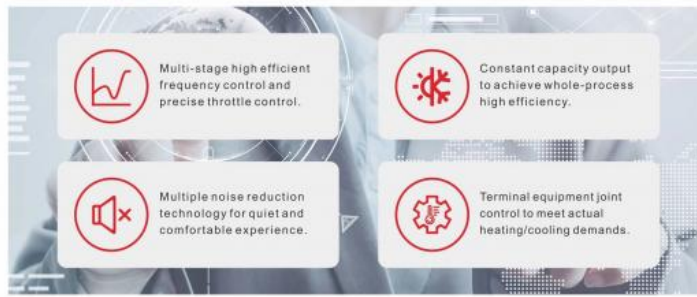


Modular control

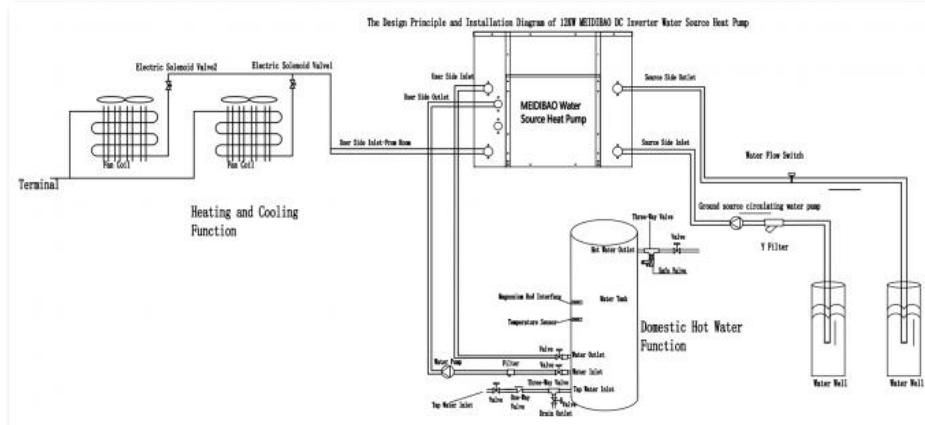


Quiet running

► Core Technologies



► High Quality Components



Geo Heat Pump

Geo Heat Pump

A steady stream of geothermal energy and water



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