22KW Heat Pump EVI Enhanced Vapor Injection Heat Pump Low Noise

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: M-D22AEH
- Minimum Order Quantity: 5SET
- Price: negotiate a price
- Packaging Details: Factory standards
- Delivery Time: 25-30 work days
- Payment Terms: T/T
- Supply Ability: 50set day

Product Specification

- Name: EVI Heat Pump
- Material: Sheet Metal
- Color: White ,OEM
- Heat Exchanger: Plate Heat Exchanger
- Throttling Device: EEV
- Brand Name: MEIDIBAO
- Place Of Origin: China
- Highlight: **22KW EVI Heat Pump**, **22KW Heat Pump EVI**, **EVI Enhanced Vapor Injection Heat Pump**

Our Product Introduction

for more products please visit us on airsource-heatingpump.com

Product Description

22KW EVI Heat Pump the ideal temperature in winter is between 18-20

Product Description:

Meidibao Fixed Frequency Commercial EVI Series are equipped with multiple technologies to improve its stability and reliability,which helps easily deal with extreme temperature challenges and ensure the stable operation.
Minimum operating ambient temperature: -35°C
Maximum operating ambient temperature:43°C
Compared with the normal heat pump,due to the technology of wide adjustment capacity,Meidibao Fixed Frequency commercial EVI Series makes the water temperature control more accurate and the temperature fluctuation smaller. Moreover, the technology also helps to solve the problem of noise and water temperature fluctuation caused by frequent start and stop.
Meidibao Fixed Frequency commercial EVI Series adopt intelligent defrosting technology,which can determine the time of defrosting according to the operating conditions of the unit (running time,exhaust temperature),ambient temperature and thickness of frost,so as to achieve intelligent defrosting when it is necessary,which greatly shortens the defrosting time by more than 20% and ensures the high heating capacity.

Feature:

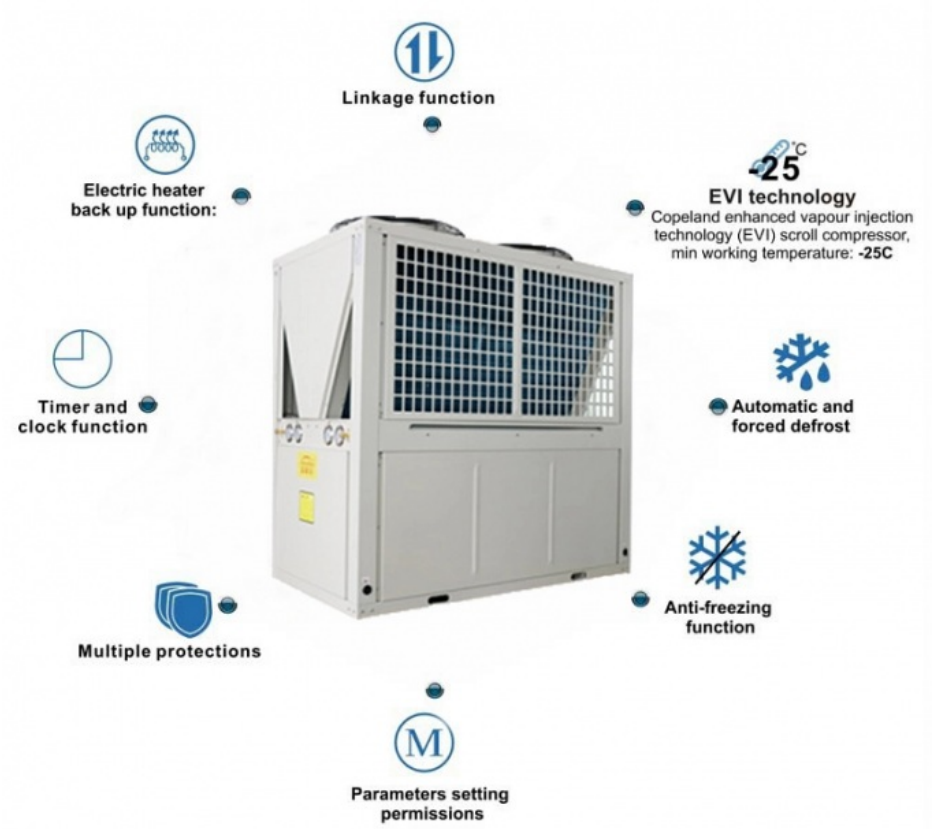
1. Compressor Choose the world famous brand rotary type or fully enclosed vortex compressor, low noise, low vibration, high efficiency, long service life . For units with multiple compressors inside, depending on the heat (cooling capacity), automatic unloading of the unit at partial load can be achieved to effectively save energy and at the same time avoid frequent start-up of the unit.
2. Water side heat exchanger The water side heat exchanger adopts high-efficiency shell tube heat exchanger or threaded casing heat exchanger, which has the characteristics of small volume, light weight, easy disassembly, convective heat conduction, high efficiency, and the maximum working pressure of 45kgf / cm2. The outside of the heat exchanger is insulated with 10mmPE to effectively prevent energy loss
3. Air side heat exchanger The air-side heat exchanger adopts an integral hydrophilic finned inner threaded tube design, with a large windward area, high heat transfer efficiency, resistance to oxidation and corrosion, and hydrophilic fins that are less prone to condensation and frosting, ensuring that the unit has sufficient heating capacity in the cold winter season, and that the unit can still operate normally for heating and defrosting even in low temperatures
4. Low noise fan he use of domestic famous brand motor, the use of axial impeller design, bearing is not easy to heat up, free of oil injection maintenance, blade more anti-aging, not deformed, the fan are strictly, static balance experiments, in order to obtain the best fan working point, fan efficiency and noise level.
5. Housing materials The external sheet metal is made of galvanised steel, and all sheet metal parts are pre-treated with rust removal, cleaning and drying, and then electrostatic spraying is used to paint the internal and external surfaces of each piece of sheet metal for a beautiful appearance

Specification:

Product	EVI Inverter Air source heat pump
Model	M-D22AEH
Power supply	380V/3N/50Hz
heating capacity(A7 W45)	22.7kW
power input	6.67kW
COP	3.4W/W
heating capacity(A-7 W41)	16.6kW
power input	6.37kW
COP	2.6W/W
heating capacity(A-12 W41)	14.5kW
power input	5.8kW
COP	2.5W/W
IPLV(H)	3.2W/W
Max power input/current	7.5kW/15A
Noise	≤68dB(A)
Refrigerant/Charge	R410A/2800g
water pipe size	DN25
Protection grade	IPX4
Product dimension	1120×510×1275mm
Net weight	137kg

Advantages:

Energy efficiency: It can significantly reduce energy consumption compared to traditional heating and cooling methods.
Versatility: Offers both heating and cooling functions in one unit, providing flexibility throughout the year.
Environmentally friendly: Produces fewer emissions and is a more sustainable option.
Cost savings: Lower energy bills over time due to its efficient operation.
Quiet operation: Runs quietly, minimizing disturbance to the environment.
Space-saving: Consolidates heating and cooling into a single unit, saving space.
Fast response: Can quickly adjust the temperature to meet the desired settings.
Improved indoor air quality: Can help maintain a proper humidity level and filter the air.
Long lifespan: With proper maintenance, can last for many years.
Easy to control: Has user-friendly controls for convenient operation and temperature management.



Foshan Meidi Bao Electric Appliance Industry Co., Ltd

8613534489875 info@meidibao.com airsource-heatingpump.com

No9, Guangming North Road, Jiangyi, Leliu Town, Shunde District, Foshan City Guangdong Province, China