21kw Pool Heat Pump 3P 380V 50Hz Inverter Air Source Heat Pump

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: M-D21ADS
- Minimum Order Quantity: 10 units
- Price: negotiate a price
- Packaging Details: Factory standard packing
- Delivery Time: 400 units a month
- Payment Terms: T/T
- Supply Ability: 200 units 30days

Product Specification

- Type: Inverter Heat Pump
- Power Source: Air Source
- Power Supply: 3N/380V/50Hz
- Brand Name: MEIDIBAO
- Place Of Origin: China
- Refrigerant Type: R32
- Name: Swimming Pool Inverter Heat Pump
- Highlight: **21kw Pool Heat Pump**, **380V Inverter Air Source Heat Pump**, **50Hz Inverter Air Source Heat Pump**

Product Description

21KW Swimming Pool Inverter Heat Pump 3P/380V/50Hz Power Supply

Product Description:

Fixed-frequency air heat pump is through the control of the operation of the compressor to heating or cooling. The power supply frequency can not be changed, and the rotating speed of the constant-frequency air-energy heat pump compressor will basically not change. When the temperature reaches the set temperature, the compressor will stop working, and vice versa, it will start working, rely on continuous start-stop compressor to adjust the temperature. The frequency conversion air energy heat pump is a frequency conversion compressor, which uses the frequency conversion control technology to automatically select the heating, cooling and dehumidifying operation modes according to the ambient temperature, so that the room can quickly reach the required temperature in a short time, and in the low speed, low energy consumption state with a smaller temperature fluctuation, to achieve fast, energy-saving and comfortable temperature control effect.

Feature:

1. The Inverter air source heat pump can automatically adjust the rotation number of the compressor according to the change of the ambient temperature, which makes the operation more stable, the energy consumption is reduced and the service life of the unit is prolonged.
2. Energy-saving differences, frequency air-source heat pump to frequent open, shut down to adjust the temperature, power input strong current, very power, because can not be adjusted according to the specific circumstances of the compressor frequency, it is also more wasteful when the heat output is not needed by the user. Frequency conversion of air in the system start-up, low current, will not have an impact on the power grid and watt-hour meter, can reduce the interference of other electrical appliances are used in the room. On-demand output, to ensure that in the vast majority of operating conditions do not stop the operation, energy-saving advantages are more obvious. Overall, from heating, refrigeration, heating stability and energy saving, frequency conversion air-source heat pump than constant-frequency air-source heat pump better.
3. Quiet Operation: Produces minimal noise, ensuring a peaceful environment around the pool area.
4. Stable Heating Performance: Maintains a consistent water temperature, providing a comfortable swimming experience.

Specification:

Model:		M-D21ADS
Power Supply	P/V/Hz	3P/380V/50Hz
Rated Heating Capacity (A26 /W26)	KW	21.2
COP:	/	6.1-15.8
Rated Heating Capacity (A15 /W26)	KW	14.2
COP	/	4.5-8.2
Refrigerant Type	/	R32
Refrigerant Volume	g	2600g
Applicable Ambient		0 -43
Net Dimensions (L*W*H)	mm	1170*455*850
Net Weight	kg	82
Color	/	White

Advantages:

optimizing energy consumption and reducing electricity costs.
Variable speed operation: It can adjust its output according to the actual heating needs, providing more efficient and smooth operation.
Quiet operation: Inverter heat pumps typically generate less noise compared to non-inverter models, creating a more pleasant environment.
Steady temperature control: It can maintain a consistent water temperature with greater accuracy, ensuring a comfortable swimming experience.
Longer lifespan: The reduced stress on components due to variable speed operation may contribute to a longer lifespan of the heat pump.
Environmentally friendly: It consumes less energy and has lower emissions compared to other heating options.
Compact design: Occupies less space, making it suitable for various pool setups.

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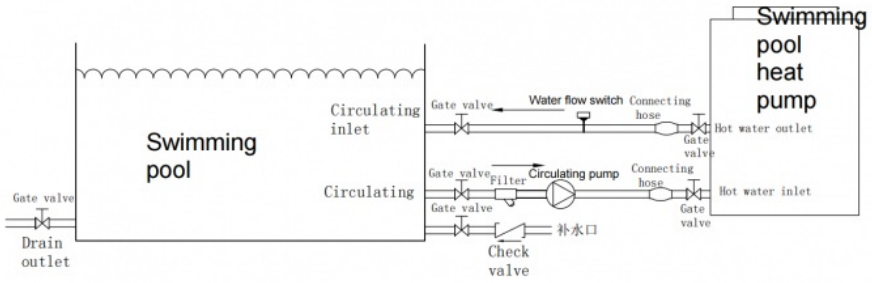
installation chart



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