



Customizable Cooling System Piston Compressor For Condensing Unit Walk In Cooler

Our Product Introduction

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Basic Information

- Brand Name: DM
- Model Number: DM-YSJ
- Minimum Order Quantity: 1
- Price: \$200~\$100000
- Packaging Details: Wooden Case
- Delivery Time: 30 Work Days
- Payment Terms: T/T
- Supply Ability: 100000pcs/year



Product Specification

- Control: Micro PLC Controller
- Condition: New
- Model: Scroll Compressor
- Configuration: Stationary
- Transmission Way: Belt Driven
- Cooling Method: Air-cooled
- Tank Orientation: Vertical
- Power Type: Diesel
- Highlight: **condensing unit Piston Compressor, walk in cooler Piston Compressor, Customizable cooling system Piston Compressor**

Product Description

Product Description:



DM-Piston/Reciprocating Compressor



DM piston/Reciprocating-type compressor is a robust and reliable solution designed for various refrigeration applications, especially in cold storage and industrial cooling systems. Utilizing a reciprocating mechanism, this compressor delivers consistent performance with high compression efficiency. Its durable cast iron structure ensures long-term operation under demanding conditions, while advanced valve technology enhances energy efficiency and reduces vibration. Suitable for both medium and low-temperature environments, the piston compressor is favored for its simple maintenance, stable operation, and adaptability to different refrigerants, making it an ideal choice for dependable refrigeration systems.



The crankshaft is a crucial component of an engine that converts the linear motion of the pistons into rotational motion. The connecting rod plays a vital role in the engine by transmitting motion between the piston and crankshaft. The valve system regulates the intake of air and fuel as well as the exhaust gases in an engine. Bearings are important components that support the rotating parts of an engine, such as the crankshaft and camshaft. The lubrication system ensures that all moving parts of the engine are properly lubricated to reduce friction and wear. The cooling system helps maintain the engine's operating temperature within the optimal range to prevent overheating. The flywheel is a rotating mechanical device that stores energy and helps smoothen out engine vibrations. The oil pump is responsible for circulating oil throughout the engine to lubricate and cool various components. Gaskets and seals are used in engines to prevent leaks and maintain proper compression within the cylinders.



Features:

1. Can achieve high compression ratios, making it suitable for high-pressure applications.
2. Used in various industries, including refrigeration, air conditioning, and gas compression.
3. Maintains good efficiency even under varying load conditions.
4. Robust design ensures long service life with proper maintenance.
5. Simple structure allows for convenient servicing and replacement of parts.
6. Can compress different types of gases, including air, refrigerants, and industrial gases.



Technical Parameters:

Main Parameters

Displacement Volume: 12.2-54m³/h

Crankcase Heater: 120kw

Refrigeration Oil: Suniso 3gs

Weight: 20-175kg
Norminal Power: 2.2-50HP

Applications:

Applications of Piston Compressors:

1. Refrigeration and Air Conditioning - Piston compressors are commonly utilized in various applications such as household refrigerators, commercial freezers, and HVAC systems to facilitate the compression and circulation of refrigerant gases.
2. Industrial Manufacturing - In the industrial sector, piston compressors play a crucial role by supplying compressed air to power machinery, tools, and automation systems, enhancing operational efficiency and productivity.



Packing and Shipping:

The Scroll Air Compressor is carefully packaged in a sturdy cardboard box to ensure its safe delivery. The product is securely cushioned with protective materials to prevent any damage during transit.

Shipping Information:

Once your order is processed, the Scroll Air Compressor will be shipped using a reliable courier service. You will receive a tracking number to monitor the delivery status of your package. Please ensure someone is available to receive the shipment at the provided delivery address.

FAQ:

Q: What is the brand name of this Scroll Air Compressor?

A: The brand name is DM.

Q: What is the model number of this Scroll Air Compressor?

A: The model number is DM-YSJ.

Q: Where is this Scroll Air Compressor made?

A: It is made in China.

Q: What is the minimum order quantity for this Scroll Air Compressor?

A: The minimum order quantity is 1.



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