



Walk in Freezer Air Compressor for Condensing unit refrigeration unit cooling system

Our Product Introduction

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Basic Information

- Brand Name: Damai
- Model Number: DM-YSJ
- Minimum Order Quantity: 1Pcs
- Delivery Time: 14days
- Payment Terms: T/T



Product Specification

- Dimensions: 17.5 X 17.5 X 20.5 Inches
- Capacity: 20L
- Air Flow: 2.6 CFM At 90 PSI
- Voltage: Customization
- Model: Compressor
- Oil-Free: Yes
- Motor Type: Induction
- Power Source: Electric
- Highlight: **Cooling system Air Compressor,
Walk in Freezer Air Compressor,
Condensing unit refrigeration Air Compressor**

Product Description

Product Description:

Main Machine Configurations

1. Cylinder
2. Piston
3. Crankshaft
4. Connecting Rod
5. Valve System
6. Bearings
7. Lubrication System
8. Cooling System
9. Flywheel
10. Oil Pump
11. Gaskets and Seals



Features:

Advantages

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.



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.



Technical Parameters:

Main Parameters

Cylinder Number: 2-3

Displacement Volume: 12.2-54m³/h

Crankcase Heater: 120kw

Refrigeration Oil: Suniso 3gs

Weight: 63-175kg

Normal Power: 2.2-15HP



Applications:

Applications of Piston Compressors:

Refrigeration and Air Conditioning - Used in household refrigerators, commercial freezers, and HVAC systems.

Industrial Manufacturing - Provides compressed air for machinery, tools, and automation systems.

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Petroleum and Gas Industry - Used for gas compression in pipelines, refineries, and chemical plants.

Automotive Industry - Found in vehicle air conditioning systems and air brakes for heavy trucks.

Medical Equipment - Used in medical air compressors for hospitals and laboratories.

Power Plants - Supports turbine operation, boiler systems, and pneumatic controls.



Support and Services:

The Damai Compressor product offers comprehensive Product Technical Support and Services to ensure optimal performance and customer satisfaction. Our dedicated technical support team is available to address any product-related inquiries, troubleshoot issues, and provide guidance on maintenance and operation.

Our services include product installation assistance, troubleshooting support, warranty coverage, and access to product manuals and technical documentation. We strive to deliver prompt and effective support to meet the needs of our customers and maintain the high performance of Damai Compressor products.



FAQ:

Q: What is the brand name of this compressor?

A: The brand name of this compressor is Damai.

Q: What is the model number of this Damai compressor?

A: The model number of this compressor is DM-YSJ.

Q: Where is this Damai compressor manufactured?

A: This Damai compressor is manufactured in China.

Q: What is the power source required for the Damai DM-YSJ compressor?

A: The Damai DM-YSJ compressor requires a standard electrical power source.

Q: Is the Damai DM-YSJ compressor suitable for industrial use?

A: Yes, the Damai DM-YSJ compressor is designed for industrial use.



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