



High Quality Condensing Unit with Semi-Hermetical Compressor

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- 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

- Lubrication Style: Lubricated
- Rotation Speed: 1120rpm
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Feature: Big Striking Force
- Power Type: Diesel
- Tank Capacity: 20 Gallons
- Work Air Pressure: 8BAR
- Item: Air Compressor
- Highlight: **High Quality Condensing Unit,
Semi-Hermetical Compressor Condensing Unit**

Product Description

High Quality Condensing Unit with Semi-Hermetical Compressor

Product Description:

The reciprocating compressor is a mechanical device that compresses gas using reciprocating motion (usually through a piston). It is widely used in various industrial and commercial cooling systems, including refrigeration, air conditioning, and gas compression. Reciprocating compressors are suitable for applications that require high pressure and high efficiency due to their stable performance and strong gas compression capabilities.



Features:

Simple structure: The main components of the piston compressor include cylinder, piston, crankshaft, connecting rod, valve, and seal. This simple structure makes the compressor easy to maintain.

High pressure output: The piston compressor can achieve a higher gas compression ratio in a smaller volume, making it ideal for applications that require higher pressure levels.

Adjustable displacement: The compressor offers adjustable displacement by changing the stroke of the piston or varying the number of cylinders. This feature allows the exhaust volume to be tailored to different load requirements.

High efficiency: Particularly under stable load conditions, the piston compressor exhibits high compression efficiency. This high efficiency contributes to enhancing the energy efficiency ratio of the system.

Technical Parameters:

| | |
|----------------------|------------------------------|
| Motor Rotation | 1170rpm |
| Cooling Method | Air Cooled |
| Working Pressure | 5bar |
| Speed | 790 R.p.m |
| Rotation Speed | 1120rpm |
| Cylinder Arrangement | Balanced Opposed Arrangement |
| Lubrication Style | Lubricated |
| Phase | Single, Three |
| Item | Air Compressor |
| Power Type | Diesel |

Applications:

Refrigeration Industry: Piston compressors play a significant role in the refrigeration industry, particularly in commercial and industrial refrigeration systems. They are commonly found in large cold storage facilities, refrigerators, and air conditioning systems designed for low and medium temperature applications.

Air Conditioning System: In both commercial and residential air conditioning systems, piston compressors are employed for compressing and circulating refrigerants, ensuring efficient cooling performance throughout the space.

Air Compression: The versatile use of piston compressors extends to air compression applications, where they are utilized in air compressors to generate compressed air for pneumatic tools. They are essential in various sectors including factories, construction sites, and automobile repair facilities.

Gas Transportation: For the transportation of gases such as natural gas, nitrogen, and hydrogen, piston compressors are invaluable in effectively compressing these gases to reach the necessary pressure levels for safe and efficient transportation.

Oil and Gas Industry: Within the oil and gas industry, piston compressors are vital for pressurizing and transporting natural gas. They are specifically utilized to compress high-pressure gases as part of the gas transportation process.



Support and Services:-----


The Product Technical Support and Services for the Piston Air Compressor include:

- Troubleshooting assistance for any issues with the compressor
- Maintenance guidance to ensure optimal performance
- Repairs and replacement of parts when necessary
- Training sessions for proper usage and care of the compressor

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