



Durable Lubricated 5bar Refrigeration System Air Conditioning Compressor for Cold Room

Our Product Introduction

for more products please visit us on coldroomunit.com

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

- Item: Air Compressor
- Working Pressure: 5bar
- Cooling Method: Air Cooled
- Feature: Big Striking Force
- Motor Rotation: 1170rpm
- Tank Capacity: 20 Gallons
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Lubrication Style: Lubricated
- Highlight: **Durable Refrigeration System Air Conditioning Compressor**
,
5bar Refrigeration System Air Conditioning Compressor

Product Description:

The reciprocating compressor is a mechanical device that compresses gas utilizing reciprocating motion, typically through a piston. This type of compressor is extensively utilized in a variety of industrial and commercial cooling systems, encompassing refrigeration, air conditioning, and gas compression. Reciprocating compressors are well-suited for applications necessitating high pressure and efficiency, owing to their consistent performance and robust gas compression capabilities.



Features:

Simple Structure

The main components of the piston compressor include cylinder, piston, crankshaft, connecting rod, valve and seal, which has a simple structure and is easy to maintain.

High Pressure Output

It can achieve a higher gas compression ratio in a smaller volume, which is suitable for occasions requiring higher pressure.

Adjustable Displacement

By adjusting the stroke of the piston or changing the number of cylinders, the exhaust volume can be adjusted to meet the needs of different loads.

High Efficiency

Especially under stable load conditions, the compression efficiency of the piston compressor is high, which can effectively improve the energy efficiency ratio.

Technical Parameters:

Model	Rated Horsepower	Cooling Capacity	Displacement
6H-25.2	25/18.5	42600	110.5
6H-35.2	35/25.5	46200	110.5
6G-30.2	30/22	53500	126.8
6G-40.2	40/30	53500	126.8
6F-40.2	40/30	63600	151.6
6F-50.2	50/37	63600	151.6

Applications:

Refrigeration industry: Piston compressors are extensively utilized in commercial and industrial refrigeration systems, particularly in large cold storage facilities, refrigerators, and air conditioning systems for low and medium temperature applications.

Air conditioning system: Piston compressors play a vital role in compressing and circulating refrigerants in both commercial and residential air conditioning systems.

Air compression: The widespread use of piston compressors in air compressors provides compressed air for pneumatic tools, catering to various industries such as factories, construction sites, and automobile repair shops.

Gas transportation: In the transportation of gases like natural gas, nitrogen, and hydrogen, piston compressors efficiently compress these gases to meet the required pressure levels for safe and effective transport.

Oil and gas industry: Within the oil and gas industry, piston compressors are crucial for pressurizing and transporting high-pressure gases like natural gas, serving a critical function in the overall gas handling process.



Support and Services:

- The Product Technical Support and Services for the Piston Air Compressor include: -----
- Troubleshooting assistance for any operational issues
 - Guidance on proper maintenance and care of the compressor
 - Repair services for any mechanical failures or malfunctions
 - Information on warranty coverage and claims process
 - Training programs for users to optimize compressor performance

 **Zhejiang Damai Cold Chain Equipment Co., Ltd.**

 86-13246760185  sales3@dmllcn.com  coldroomunit.com

Factory No. 1, Wanfeng Aviation Town, Wozhou Town, Xinchang County, Zhejiang Province