



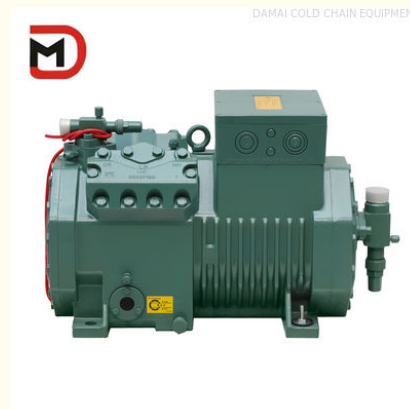
20 Gallon Tank Capacity Piston Air Compressor with HERIBIGER Valve and Long-lasting Diesel Power Type

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

- Rotation Speed: 1120rpm
- Feature: Big Striking Force
- Rated Displacement: 1.8-3.5 M3/min
- Valve: HERIBIGER
- Work Air Pressure: 8BAR
- Phase: Single Three
- Motor Rotation: 1170rpm
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Highlight: **20 Gallon Piston Air Compressor,
HERIBIGER Piston Air Compressor,
Long-lasting Piston Air Compressor**

Product Description

Product Description:

A piston compressor is a mechanical device that relies on the reciprocating motion of a piston to pressurize and transport gas. It is a positive displacement compressor, also known as a "reciprocating piston compressor" or "reciprocating compressor". Its working principle is based on the reciprocating motion of the piston in the cylinder.

When the piston moves toward one end of the cylinder, the volume of the working chamber decreases and the gas is compressed; conversely, the gas is sucked in. After many such cycles, the gas compression ratio and temperature gradually increase, and finally reach the predetermined pressure and temperature before being discharged.

Features:

- 1. Wide range of compression ratios:** The compression ratios of our products are versatile, allowing for adjustment based on specific requirements to cater to various working conditions.
- 2. Diverse displacement and power:** Our range includes machines starting from as small as 100W for compact applications, all the way up to industrial-grade models boasting 18.5KW of power, addressing a broad spectrum of needs.
- 3. Low noise and durability:** Our products are equipped with noise reduction technology, enabling select models to maintain stable operations even in challenging environments such as high temperatures and dusty conditions.
- 4. High energy efficiency and easy maintenance:** Take, for instance, the Ingersoll Rand TS series which incorporates a cast iron crankcase for enhanced longevity. Additionally, Atlas Copco products optimize energy consumption through innovative direct drive technology.

Technical Parameters:

Power Type	Diesel
Rated Displacement	1.8-3.5 M3/min
Lubrication Style	Oil-less
Work Air Pressure	8BAR
Rotation Speed	1120rpm
Valve	HERIBIGER
Series	LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
Cooling Method	Air Cooled
Working Pressure	5bar
Phase	Single, Three

Applications:

In the industrial field, various equipment such as laser cutting machines, painting tools, and mining equipment like the 7.5KW screw air compressor are utilized for different applications.

Refrigeration and home appliances industry witness the domination of fully enclosed models in the home refrigerator market, while semi-enclosed models are preferred for cold storage preservation purposes.

Specialized equipment like submersible respirator inflator pumps, oxygen generator pump heads, and other devices are crucial in the medical and firefighting sectors.

In mobile and special scenarios, Danfoss DC compressors (12V/24V) play a vital role in vehicle refrigeration systems to ensure food safety in extreme working conditions.

Support and Services:

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

- Onsite installation and setup assistance
- Troubleshooting and diagnostics support
- Maintenance and repair services
- Spare parts availability
- User training and guidance



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