



Air Cooled Lubricated Style Electric Air Compressor for and Operation in Industrial Settings

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

- Tank Capacity: 20 Gallons
- Working Pressure: 5bar
- Cooling Method: Air Cooled
- Item: Air Compressor
- Speed: 790 R.p.m
- Rotation Speed: 1120rpm
- Cylinder Arrangement: Balanced Opposed Arrangement
- Motor Rotation: 1170rpm
- Highlight: Industrial Settings Electric Air Compressor,
Lubricated Style Electric Air Compressor,
Air Cooled Electric Air Compressor

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Product Description:

The reciprocating compressor is a mechanical device that compresses gas using reciprocating motion, often achieved through a piston. This type of compressor is extensively utilized in a variety of industrial and commercial cooling systems, such as refrigeration, air conditioning, and gas compression. Reciprocating compressors are particularly well-suited for applications that necessitate high pressure and high efficiency. This is attributed to their consistent operation 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 have a simple structure and are easy to maintain.
- High pressure output:** It can achieve a higher gas compression ratio in a smaller volume, making it 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, effectively improving the energy efficiency ratio.



Technical Parameters:

Model	Rated Horsepower	Cooling Capacity	Input Power	Displacement
HSN5343-20	20	31750	25,30	84
HSN5353-25	25	37200	28,70	100
HSN5363-30	30	42950	32,40	118
HSN6451-40	40	51500	36,10	140
HSN6461-50	50	59100	42,90	165
HSN7451-60	60	71100	52,20	192
HSN7461-70	70	81100	55,80	220
HSN7471-75	75	85500	60,90	250

Applications:

- Refrigeration industry:** In commercial and industrial refrigeration systems, such as large cold storage, refrigerators, and air conditioning systems, piston compressors are widely utilized, especially in low and medium temperature applications.
- Air conditioning system:** Piston compressors play a crucial role in compressing and circulating refrigerants within commercial and residential air conditioning systems.
- Air compression:**

Widely employed in air compressors, piston compressors deliver compressed air for pneumatic tools, serving various sectors like factories, construction sites, and automobile repair facilities.

Gas transportation:

When it comes to the transportation of gases like natural gas, nitrogen, and hydrogen, piston compressors are essential for effectively compressing these gases to the required pressure levels.

Oil and gas industry:

Within the oil and gas industry, piston compressors are indispensable in pressurizing and transporting natural gas, handling high-pressure gases efficiently.



Support and Services:-----

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

- Troubleshooting assistance for operational issues
- Maintenance guidance and schedules
- Repair services for damaged components
- Warranty coverage details
- Product manuals and documentation
- Training programs for users and technicians



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