



## Refrigeration Compressor in Market 1170rpm Motor Rotation and Air Cooled Design

### 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

- Rated Displacement: 1.8-3.5 M3/min
- Cylinder Arrangement: Balanced Opposed Arrangement
- Working Pressure: 5bar
- Series: LBWF-25L(2\*0.75HP), LBWF-25L(2\*1HP)
- Motor Rotation: 1170rpm
- Work Air Pressure: 8BAR
- Item: Air Compressor
- Cooling Method: Air Cooled
- Highlight: **1170rpm Refrigeration Compressor,**  
**Air Cooled Refrigeration 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. It has a simple structure and is 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, which can effectively improve 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:** Piston compressors play a significant role in commercial and industrial refrigeration systems, particularly in large-scale cold storage facilities, refrigerators, and air conditioning units designed for low and medium temperature operations.
- Air conditioning system:** Piston compressors are crucial components in both commercial and residential air conditioning setups, where they are utilized to compress and circulate refrigerants to regulate indoor temperatures effectively.
- Air compression:** In the realm of air compression, piston compressors enjoy widespread application in generating compressed air for pneumatic tools. They are extensively employed in diverse sectors like factories, construction sites, and automobile repair shops.
- Gas transportation:** When it comes to gas transportation tasks involving gases such as natural gas, nitrogen, and hydrogen, piston compressors prove to be highly efficient in compressing these gases to meet the necessary pressure requirements.
- Oil and gas industry:** Within the oil and gas sector, piston compressors find utility in the pressurization and transportation of natural gas. They are instrumental in compressing high-pressure gases for efficient handling and distribution.



### Support and Services:

Piston Air Compressor Product Technical Support and Services: .....

- Troubleshooting assistance for technical issues
- Repair and maintenance services
- Product installation guidance
- Warranty support and claims processing
- Parts and accessories replacement



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