



High efficiency Scroll Air Compressor for Cold Room Applications

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: Oil-less
- Motor Rotation: 1170rpm
- Tank Capacity: 20 Gallons
- Feature: Big Striking Force
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Power Type: Diesel
- Rotation Speed: 1120rpm
- Cooling Method: Air Cooled
- Highlight: Cold Room Scroll Air Compressor,
Cold Room Air Compressor,
High Efficiency Scroll Air Compressor



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Product Description:

Scroll Compressor: A Versatile Component

A scroll compressor is a sophisticated component utilized extensively in heating, ventilation, air conditioning, and refrigeration systems. This innovative device employs two spiral-shaped scrolls - one fixed in place and the other moving in orbit - to effectively capture and compress refrigerant gas within their interlocking spirals.

Efficiency and Reliability

The scroll compressor is highly efficient in pushing compressed gas through the system, making it a crucial element in most contemporary technologies. Not only is it efficient, but it is also renowned for its reliability, making it a prevalent choice across various industries.

Additionally, its energy-efficient operation has made it a favored option for both commercial and residential cooling and heating systems.

Quiet Operation for Noise-Sensitive Environments

In addition to its efficiency and reliability, the scroll compressor operates quietly, offering a significant advantage in noise-sensitive settings. Its almost silent functioning is especially beneficial in environments where noise levels are a concern, such as medical facilities, offices, and residential structures.

Features:

Simple structure: The scroll compressor boasts a straightforward design with no reciprocating mechanism. It is characterized by its simplicity, small size, light weight, minimal parts, and high reliability.

High efficiency and energy saving: The compression process of the scroll compressor is seamlessly continuous, ensuring high energy efficiency. This feature makes it well-suited for a wide range of working conditions.

Low noise and low vibration: The scroll compressor stands out for its low noise and vibration levels, thanks to its limited moving parts and smooth operation. It is particularly suitable for applications that necessitate a quiet environment.

Easy maintenance: Featuring an innovative structure, the scroll compressor's main operating components only engage in meshing without experiencing wear. This configuration results in a long lifespan and low maintenance costs.



Technical Parameters:

Model	Rated Horsepower	Cooling Capacity		Input Power	Displacement
ZB15KQ	2	4250	/	1370	5.9
ZB19KQ	2.5	4900	/	1550	6.8
ZB21KQ	3	6200	/	2010	8.6
ZB26KQ	3.5	7350	/	2170	9.9
ZB29KQ	4	8300	/	2560	11.4
ZB38KQ	5	10300	/	3230	14.4
ZB45KQ	6	12500	/	3760	17.2
ZB48KQ	7	13700	/	4140	18.8
ZB58KQ	8	16100	/	4890	22.1
ZB66KQ	9	18450	/	5410	25.7
ZB76KQ	10	21750	/	6360	28.8
ZB88KQ	12	24950	/	7220	33.2
ZB95KQ	13	26500	/	8180	36.4

ZB114KQ	15	31700	/	9710	43.3
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Applications:

Scroll compressors are widely used in various fields such as air conditioning and refrigeration systems, heat pumps, automobiles, industrial production, agriculture, transportation, medical equipment, and food processing. Their great characteristics, including high efficiency, energy-saving features, low noise operation, and minimal maintenance requirements, have led to their excellent performance in these diverse industries.

These compressors are preferred for their versatility and effectiveness in improving the operational efficiency of systems across different sectors. Whether it is about maintaining optimal temperature in air conditioning units or powering refrigeration systems, scroll compressors are reliable and efficient components that meet a wide range of needs.



Support and Services:

The Product Technical Support and Services for the Piston Air Compressor include troubleshooting assistance, repair services, ----- maintenance recommendations, and parts replacement. Our team of experienced technicians is available to provide guidance on any issues you may encounter with your compressor. Additionally, we offer regular maintenance packages to ensure optimal performance and extend the lifespan of your equipment.



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