



Industry Scroll Air Compressor Series For Cold Room Applications

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

- Rotation Speed: 1120rpm
- Work Air Pressure: 8BAR
- Item: Air Compressor
- Tank Capacity: 20 Gallons
- Feature: Big Striking Force
- Phase: Single Three
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Rated Displacement: 1.8-3.5 M3/min
- Highlight: Cold Room Scroll Air Compressor,
Industry Scroll Air Compressor,
Industry Cold Room Scroll Air Compressor



Product Description

Product Description:

A scroll compressor is a complex apparatus used extensively in heating, ventilation, air conditioning, and refrigeration systems. This innovative device utilizes two spiral-shaped scrolls, one stationary and the other orbiting, to effectively trap and compress refrigerant gas within their interlocking spirals. The scroll compressor is highly efficient in pumping compressed gas through the system, making it an indispensable component in most modern technologies.

One of the key features of the scroll compressor is its dependability. It is a highly reliable device that is widely used across many industries. Moreover, the scroll compressor is known for its energy-efficient operation, which makes it a popular choice in commercial and residential cooling and heating systems.

The scroll compressor also operates quietly, which is a significant benefit in today's noise-sensitive environments. Its whisper-quiet operation is particularly useful for applications where noise levels are a concern, such as in medical facilities, offices, and residential buildings.



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

Applications:

Scroll compressors have a wide range of applications across various industries, including air conditioning, refrigeration systems, heat pumps, automobiles, industrial production, agriculture, transportation, medical equipment, and food processing. Their remarkable qualities, such as high efficiency, energy-saving features, low noise operation, and minimal maintenance requirements, have led to their exceptional performance in these diverse fields.

Due to their versatility and effectiveness in improving the operational efficiency of systems in different sectors, these compressors are highly favored. Whether it is maintaining the optimal temperature in air conditioning units or powering refrigeration systems, scroll compressors are reliable and efficient components that meet a broad spectrum of needs.



Support and Services:

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

- Troubleshooting assistance for any issues that may arise with the compressor
- Guidance on proper maintenance practices to ensure optimal performance
- Repairs and replacement parts availability to address any mechanical problems
- Training programs for operators on how to use the compressor safely and efficiently



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