



## Single Phase Scroll Air Compressor Machine Condensing Unit For Walk In Cooler

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



DAMAI COLD CHAIN EQUIPMENT



### Product Specification

- Type: Scroll
- Application: For Food, Medical, industrial And Commercial Applications
- Cooling System: Air Cooling
- Rated Power: Customized
- Configuration: Stationary
- Bearing: Sweden SKF
- Mute: Yes
- Gas Type: Air
- Highlight: Walk In Cooler Scroll Air Compressor,  
Condensing Unit Scroll Air Compressor,  
Single Phase Scroll Air Compressor

## Single Phase Scroll Air Compressor Machine Condensing Unit For Walk In Cooler

### 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 features a straightforward design with no reciprocating mechanism. It boasts a simple structure, small size, light weight, few parts, and high reliability.

**High Efficiency and Energy Saving:** One of the key advantages of the scroll compressor is its high energy efficiency. The compression process is smooth and continuous, making it suitable for various working conditions.

**Low Noise and Low Vibration:** Thanks to its limited moving parts and smooth operation, the scroll compressor is known for its low noise and vibration levels. It is an ideal choice for applications that demand a quiet environment.

**Easy Maintenance:** The scroll compressor's innovative design ensures that its main operating parts only mesh without experiencing wear. This results in a long lifespan, low maintenance costs, and hassle-free maintenance.

### Technical Parameters:

Model	Power (HP)	Exhaust capacity M3/h	Air condition(7.2/54.4C)		Weight( Kg)	Height (mm)
			Refrigeration	Input power (W)		
			Capacity( W)			
Single phase						
ZR16K3-PFJ	1.33	3.97	4010	1320	25.9	370.4
ZR18K3-PFJ	1.5	4.37	4400	1440	25.9	370.4
ZR20K3-PFJ	1.69	4.76	4890	1600	25.9	370.4
ZR22K3-PFJ	1.83	5.34	5330	1730	25.9	382.8
ZR24K3-PFJ	2	5.92	5920	1870	26.3	382.8
ZR26K3-PFJ	2.17	6.27	6330	2000	25.9	382.8
ZR28K3-PFJ	2.33	6.83	6910	2150	27.2	382.8
ZR30K3-PFJ	2.5	7.3	7380	2290	28.5	405.5
ZR32K3-PFJ	2.67	7.55	7760	2410	28.1	405.5
ZR34K3-PFJ	2.83	8.02	8200	2520	29.5	405.5
ZR36K3-PFJ	3	8.61	8790	2700	29.5	405.5
ZR40K3-PFJ	3.33	9.43	9670	2970	29.9	419.3

### Applications:


Scroll compressors find extensive applications across various industries including air conditioning, refrigeration, heat pumps, automotive, industrial manufacturing, agriculture, transportation, medical devices, and food processing. Due to their remarkable features like high efficiency, energy efficiency, low noise levels, and minimal maintenance requirements, they are highly acclaimed for their performance in these diverse fields.



### Support and Services:

Our Scroll Air Compressor product comes with comprehensive Product Technical Support and Services to ensure optimal performance and reliability. Our team of experts is available to assist with installation, troubleshooting, maintenance, and any other technical inquiries you may have. We also offer training programs to help you get the most out of your compressor and maximize its efficiency. Additionally, our service network provides quick response times and high-quality maintenance services to keep your equipment running smoothly.

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