



## Cooling System Air Cooling Scroll Compressor For Refrigeration Condensing Unit

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 Power: Customized
- Phase: Single
- Exhaust Pressure: 2-12 Bar
- Gas Type: Air
- Port: SHANGHAI PORT, NINGBO PORT
- Type: Scroll
- Capacity: 1.25 M3/min
- Mute: Yes
- Highlight: **Cooling System Scroll Air Compressor, Refrigeration Condensing Unit Scroll Air Compressor, Air Cooling Scroll Air Compressor**

## Cooling System Air Cooling Scroll Compressor for Refrigeration Condensing Unit

### 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 has no reciprocating mechanism, simple structure, small size, light weight, few parts, and high reliability

**High efficiency and energy saving:** The compression process of the scroll compressor is smooth and continuous, with high energy efficiency, suitable for use in various working conditions

**Low noise and low vibration:** Due to its few moving parts and smooth operation, the scroll compressor has low noise and vibration, suitable for applications that require a quiet environment

**Easy maintenance:** The scroll compressor has a novel structure, the main operating parts only have meshing without wear, long life, and low maintenance cost

### Technical Parameters:

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Model	Power (HP)	Exhaust cpacity 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 in various industries including air conditioning, refrigeration systems, heat pumps, automobiles, industrial production, agriculture, transportation, medical equipment, and food processing. Due to their impressive efficiency, energy-saving features, minimal noise output, and low maintenance requirements, they are favored choices in these sectors. These compressors exhibit remarkable performance and are commonly utilized in a wide range of settings due to their numerous benefits. They are particularly renowned for their efficient operation, resulting in significant energy savings. Moreover, their operation is relatively quiet, making them ideal for applications where noise reduction is a priority. Additionally, their low maintenance needs contribute to their overall effectiveness in various fields.



## Support and Services:

The Scroll Air Compressor product comes with comprehensive Product Technical Support and Services aimed at ensuring the optimal performance and longevity of the equipment. Our dedicated technical support team is available to assist with any inquiries regarding product operation, maintenance, troubleshooting, and repairs. Our services include proactive maintenance programs, scheduled service visits, emergency repairs, and genuine spare parts availability to minimize downtime and ensure continuous operation of your Scroll Air Compressor. Additionally, we offer training programs for users and maintenance personnel to enhance operational efficiency and safety.



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