

# Rotor Inverter Condensing Unit

This condensing unit utilizes a variable frequency rotor compressor for efficient and reliable performance. It is compatible with R407C, R134A, R507, R449A, and R404A refrigerants.



## ADDITIONAL IMAGES



## Product Overview

# APPLICATION

### High-Efficiency Inverter Condensing Unit

The S6 Condensing Unit is an advanced refrigeration solution featuring DC frequency conversion technology for stepless energy adjustment. Engineered for durability, it utilizes corrosion-resistant galvanized steel with electrostatic spraying. The system incorporates enhanced vapor injection for 25-30% higher cooling capacity, ensuring energy efficiency and stable performance in diverse environmental conditions.

## Technical Specifications

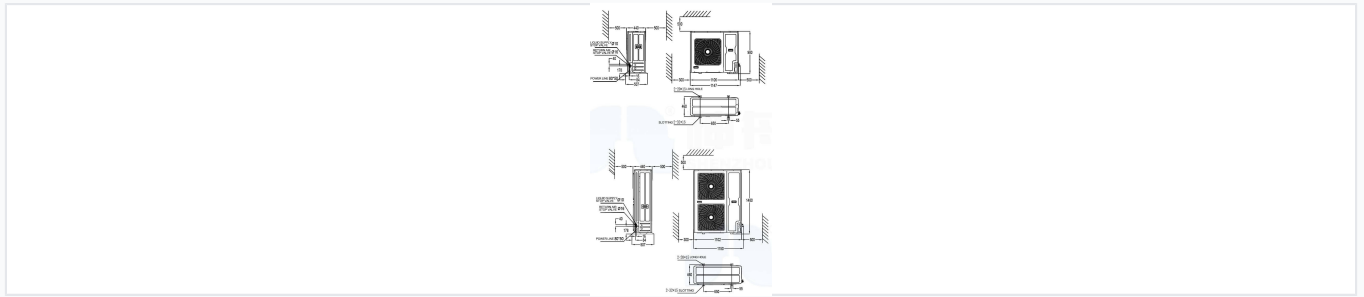
Compressor Type	Rotor Inverter Compressor
Supported Refrigerants	R407C, R134A, R507, R449A, R404A
Power Supply	1x220V 50Hz/60Hz
Evaporation Temperature	-40 to -10
Max Ambient Temperature	35

## Components

### Internal Components

Component	Model/Spec
Condenser Model	F-60
Liquid Reservoir	SCYQ-7V
Filter Drier	DCL163
Sight Glass	SGN10S

## Dimensions and Connections



### Tube Diameters

**16 mm**

Suction Tube

**10 mm**

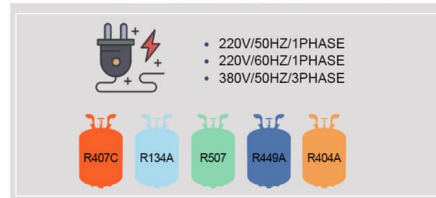
Exhaust Pipe

### Physical Dimensions (LWH)

110cm x 41cm x 147cm

## Performance Features

It adopts fully automatic control operation mode and adopts enhanced vapor injection ECO technology to increase the cooling capacity by 25%-30%.



### Key Performance Indicators

- Noise level controlled at 55 dB
- Enhanced Vapor Injection (EVI) technology
- Energy efficiency with stepless regulation
- Corrosion-resistant powder-coated shell