Air Conditioner Product Introduction

Room Mount Version V

Room Mount

Feature

Standard electronic expansion valve, precise regulation of refrigernt flow; adopt full inverter design, on-demand control of cooling capacity and airflow output

Ultra-wide grid adaptability with optional phase sequence fault tolerance;
Standard environmentally friendly refrigerant R410A;
Threaded quick coupling design, no welding

- Standard 4.3-inch color capacitive touch screen
- Standard RS485 interface, optional SNMP interface
- Support temperature and humidity curve display and graphic status display
- More than 1000 historical alarm information storage
- Use CAN communication to do network group control
- Support timer switch on/off

The main components adopt international famous brands

- Copeland or Hitachi Compressors
- Fans-tech Fan
- LS contactors

Room Mount

Cooling range

25kW ~ 100kW

Cooling mode

Air cooled

Air supply mode

Support Top Front Supply, upflow supply or downflow supply method

Room Mount

Features

- Scroll compressors
- V-type evaporator, high heat exchange efficiency
- High-precision electronic expansion valve, precise regulation of refrigerant flow
- EC fan with real-time adjustment of airflow output according to demand

High efficiency

Diversified configurations

- Optional water leakage detector
- Optional built-in low-temperature starting up component

- Standard 10-inch color capacitive touch screen
- Standard RS485 interface, optional SNMP interface
- Support temperature and humidity curve display and graphic status display
- More than 2000 historical alarm information storage
- Use CAN communication to do network group control

Intelligent

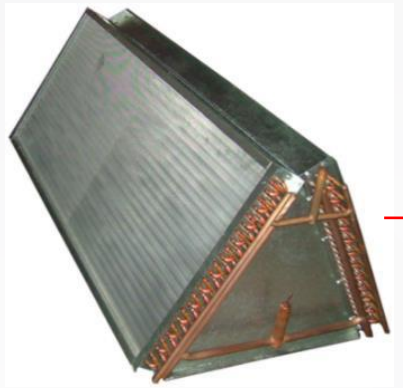
Reliable

The main components adopt international famous brands

- Copeland Compressors
- Germany EBM, Fans-tech or Ziehl-Abegg EC fan
- LS circuit breaker
- Schneider contactors
- Standard G4 filter

Room Mount

10" touch screen



“V”-type Evaporator

Scroll compressors

EC Fan

Electrode humidifier

Electronic expansion valve

Room Mount

Outdoor unit

Conventional outdoor unit (26-56kW)
(single fan)

Conventional outdoor unit (66-96kW)
(dual fan)

Room Mount

Specification parameters

Model	27Kw	30.5Kw	36.2Kw	41.1Kw	45.3Kw	51.1Kw	60Kw
Configuration	Constant Temp&Humidity						
(kW)	27	30.5	36.2	41.1	45.3	51.1	60
Air volume (m^3/h)	8500	9500	11000	12000	12500	13000	14000
Heating capacity (kW)	6	6	6	9	9	9	10
Humidification capacity (kg/h)	5	5	5	10	10	10	10
AEER (W/W)	4	4	4	4	4	4	4
Width (mm)	900	900	900	900	900	1100	1100
Depth (mm)	995	995	995	995	995	995	995
Height (mm)	1975	1975	1975	1975	1975	1975	1975

Test conditions: indoor return air temperature 24℃, relative humidity 50%, outdoor temperature 35℃.

Room Mount

Applications

Large-scale server room

Traditional Server Room

Large-scale data centers

High heat density data center