

# HM Series In-Row Air Conditioner Products

## Cooling System

HM Series In-Row Air Conditioner Products provide cooling for Rows or Enclosure.

The Cooling Capacity is from 12kW to 60kW, four models are available.

## Key Features

- Using environmentally friendly refrigerant R410A
- Inverter compressor + EC fan, automatically adjust the cooling capacity according to the heat generated by the cabinet
- 7-inch large touchscreen display of temperature and humidity curve, complete alarm protection, and self-diagnostic function
- Wet film humidification, Dehumidification, the power consumption is almost zero, green and energy-saving, and reduces PUE
- Provides walkway (hot & cold) containment and airflow management to help regulate internal temperature and maximize airflow in IT rack cabinets and UPS systems



## Application Scenario

- Modularized Data Center
- High Thermal Density Room
- Medium and Small Computer Rooms and Data Center (IDC)
- Container Data Center

## Product Specification

Parameter	Description			
Model	HM 12RA	HM 25RA	HM 40RA	HM 50RA
Power	380V/400V 50HZ/60HZ			
Cooling Type	Air-cooled			
Compressor Type	Frequency conversion			
Coolant Type	R410A			
Airflow Mode	Air supply from front; Air return from rear			
Air Volume (m3/h)	3000	5000	8500	10500
Indoor @ 40°C DB / 20% RH				
Cooling Capacity (KW)	15	25.8	42.5	52.5
Fan Type	EC Fan			
Fan Unit	4	6	3	3
Electric Heating (KW)	3	3	6	6
Humidification Capacity (KG/H)	3	3	3	3
Temperature range	+16°C ~ +30°C			
Humidity range	5% ~ 95%RH			
Outdoor environment temperature	-15°C ~ 45°C			
Dimensions (W×D×H) mm	300 x 1200 x 2000	300 x 1200 x 2000	600 x 1200 x 2000	600 x 1200 x 2000
Weight(KG)	182	240	330	340
Outdoor Unit				
Dimensions (W×D×H) mm	1024 x 396 x 1002	1650 x 1100 x 1150	2010x 1100 x 1150	2700 x 1100 x 1150
Weight(KG)	76	153	190	196
Remote Communication	RS485 (Modbus RTU)			