LRA Row-Based
Air-Cooled Aircon



Litech LRA Row-based Air-Cooled Air Conditioner is designed for the medium and high thermal density data center. It can be installed close to the heat source, shorten the flow path of cold air to accurately process the sensible heat generated by the server. It is the ideal choice for the green energy-saving data center and various electronic equipment rooms.

Application

Small and medium-sized data centers, modular data centers, cabinet cold (hot) aisle transformation, medium and high thermal density communication equipment and computer rooms, etc.

ADVANTAGES

- Key components are selected from well-known brand
- Full EC inverter design, automatic adjustment of cooling capacity and air volume output
- Wet film humidifier, saving 99% of humidification energy
- Linear shape or U shape" evaporator, large area, small resistance
- Compact outdoor unit, U-shaped design, air return on three sides
- High return air temperature design, significantly improved energy efficiency
- Full frontal maintenance, pull-out design
- Group control, flexible configuration
- Optional power metering function module

Product Specification

LRA Row-Based Air-Cooled Aircon					
Indoor unit model	**LRA8012**	**LRA8025**	**LRA8040**	**LRA8050**	**LRA8060**
Main power supply	415V 3Ph ~ 50Hz				
Air supply	Front air supply				
Performance Parameter					
Cooling capacity (kW)	12.5	25	40	50	60
Sensible capacity (kW)	12.5	25	40	50	60
Max. operation current FLA (A)	27.5	37	50.2	54	57.2
Compressor QTY	1				
Fan Type	EC Centrifuge fan				
Fan QTY	3	6	2	3	3
Circulating air volume (m^3/h)	3000	5000	8000	10800	12000
Heating capacity (kW)	2	3	6	9	9
Humidification (kg/h)	1	1.5	3	4.5	4.5

Litech®

LRA Row-Based
Air-Cooled Aircon

LRA Row-Based Air-Cooled Aircon					
Indoor unit model	**LRA8012**	**LRA8025**	**LRA8040**	**LRA8050**	**LRA8060**
Connecting Pipe Size(30m)					
Liquid pipe (mm)	9.52	15.88	15.88	15.88	15.88
Gas pipe (mm)	19.05	22	22	22	22
Humidification inlet pipe (Internal thread)	G3/4"				
Water pump drain pipe(mm)	ID9.53*OD17.02				
Natural drain pipe(mm)	ID16*OD24				
Unit Dimension and Weight					
Dimension-W (mm)	300	300	600	600	600
Dimension-D (mm)	1100/1200				
Dimension-H (mm)	2000/2200				
Weight (kg)	190	210	250	310	310

Ordering Information

Part Number	Description
LRA8012	12.5 kW LRA Row-based Air-Cooled Air Conditioner
LRA8025	25 kW LRA Row-based Air-Cooled Air Conditioner
LRA8040	40 kW LRA Row-based Air-Cooled Air Conditioner
LRA8050	50 kW LRA Row-based Air-Cooled Air Conditioner
LRA8060	60 kW LRA Row-based Air-Cooled Air Conditioner

Litech®