LRC Row-Based Aircon
(Chilled Water)



Litech LRC Row-Based Air Conditioner (Chilled water) is more suitable for scenarios with limited on-site installation (no need to install outdoor units) while maintaining accurate cooling characteristics close to the heat source, helping the continuous development of green data centers.

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
- EC centrifugal fan, automatically adjust cooling capacity and air volume output
- Wet film humidifier, saving 99% of humidification energy
- Full cabinet type evaporator, large area, small wind resistance
- High return air temperature design, energy efficiency significantly improved
- Full frontal maintenance, pull-out design
- Teamwork networking with flexible configuration
- Optional power metering function module

Product Specification

LRC Row-Based Air Conditioner (Chilled water)		
Indoor unit model	**LRC0030**	**LRC0060**
Air supply	Front air supply	
Performance Parameter		
Cooling capacity (kW)	30	60
Sensible capacity (kW)	30	60
Rated voltage/Hz	220V 1Ph~50Hz	380V 3Ph~50Hz
Max. operation current FLA (A)	17.5	13.0
Fan Type	EC centrifugal fan	
Fan QTY	6	2
Circulating air volume (m^3/h)	5000	11500
Heating capacity (kW)	3	6
Humidification (kg/h)	1.5	3

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Indoor unit model	**LRC0030**	**LRC0060**
Connecting Pipe Size(30m)		
Water inlet pipe size (mm)	DN25	DN32
Water outlet pipe size (mm)	DN25	DN32
Humidification inlet pipe (Internal thread)	G3/4"	
Water pump drain pipe (mm)	ID12	
Natural drain pipe (mm)	ID16*OD24	
Unit Dimension and Weight		
Dimension-W (mm)	300	600
Dimension-D (mm)	1200	
Dimension-H (mm)	2000	
Weight (kg)	165	205
Electronic element specification		
Air switch recommended (A)	40	25
Cable size (mm^2)	6	4

Ordering Information

Part Number	Description
LRC0030	30 kW LRC Row-Based Aircon (Chilled Water)
LRC0060	60 kW LRC Row-Based Aircon (Chilled Water)

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