

## PRODUCT DESCRIPTION

LINK-FLOW In-Rack precision air conditioner is mainly used for nearby cooling of the rack server and other communication devices to embed the air conditioner into the rack. It is highly efficient, energy-saving, safe and reliable, fully meeting the cooling requirements of the rack with intelligent management, compact structure and exquisite workmanship.

It is applied to micro data center, edge computing station, base station communication room, modular data room, high heat density data room and etc.

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## PRODUCT FEATURES

- EC fan, DC inverter compressor, intelligent control system, CFD optimization design is adopted for heat exchanger and air duct, which is efficient and energy-saving.
- Save space, design for 5U(4kW), 8U(8kW) and etc., convenient for installation and maintenance.
- High reliability, 365 days x 24 hours uninterrupted operation design, design life up to 10 years, all accessories are strictly tested and inspected.
- Complete automatic protection and alarm, fault self-diagnosis and comprehensive parameter detection and adjustment.
- Provide free communication protocol, and provide the dry point and RS485 intelligent communication interface to realize remote monitoring at the same time, as well as functions of backup operation, patrol, cascade and competition prevention and other group control.
- Flexible configuration, as per the air supply mode, it can be divided into top air discharge model (compatible with side air supply model) or front air supply model, which can meet various installation requirements.

# REFRIGERANT CONDENSING UNIT

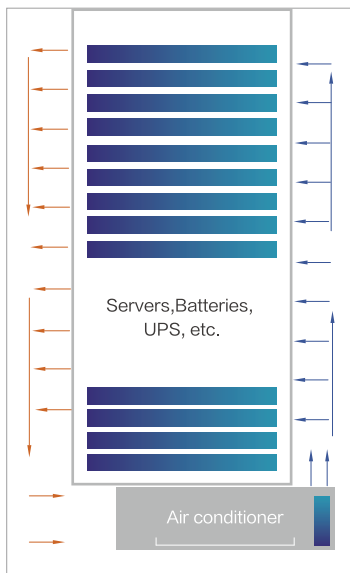
Parameter		Model	HR04A	HR08A	HR04A (5G version)	HR08A (5G version)
		m <sup>3</sup> /h(LPM)	800(1.33*10 <sup>4</sup> )	1500(2.5*10 <sup>4</sup> )	900(1.5*10 <sup>4</sup> )	1800(3.0*10 <sup>4</sup> )
Indoor working condition 1: DB98.6°F(37°C)/RH24%, outdoor working condition: DB95°F(35°C).						
Cooling capacity	kW		4.2	8.1	4.2	8.1
Sensible cooling capacity	kW		4.2	8.1	4.2	8.1
Indoor working condition 2: DB95°F(35°C)/RH30%, outdoor working condition: DB95°F(35°C)						
Cooling capacity	kW		3.7	6.5	3.7	6.5
Sensible cooling capacity	kW		3.7	6.5	3.7	6.5
Electric heating capacity	kW		0.5	1.0	0.5	1.0
Max. load current	A		9.3	15.7	9.4	16.2
Dimension (W*D*H)	Indoor unit	In(mm)	17.31*29.92*8.54 (440*760*217)	17.31*29.92*13.78 (440*760*350)	17.31*15.75*15.59 (440*400*396)	17.31*15.75*24.41 (440*400*620)
	Outdoor unit		86.61*12.80*21.26 (830*325*540)	37.80*15.59*27.56 (960*396*700)	86.61*12.80*21.26 (830*325*540)	37.80*15.59*27.56 (960*396*700)
Weight	Indoor unit	kg	26	36	26	36
	Outdoor unit		30.5	43.5	30.5	43.5



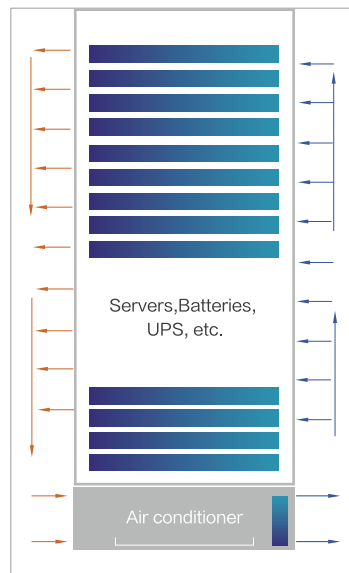
- Due to the need for product improvement and upgrading, parameters may be changed without prior notice. Please confirm before ordering.

## AIR SUPPLY METHOD

The layout of the rack air conditioner in the cabinet is shown below:



Mode I: Top air discharge model  
or side air supply mode



Mode II: Ordinary front air supply model



The side air outlet can be used for multi-connected racks, and one model is compatible with the air top discharge and side air outlet, so customers can stock up the units, which are compatible for single rack and multi-connected rack applications.