SERVER RACK COOLING

HHEX-RACK-AIR-CONDITIONER

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PRODUCT OVERVIEW

Rack Air Conditioner

The unit is specially designed for cooling electronic equipment within server cabinet.

Widely used in smaller offices with limited space or other areas where there's no need to climatize a whole area.

Application and Scenarios

Government enterprises and institutions branches such as bank, small and medium enterprises and information base in industrial production.

- ✓ Single rack, can also be expanded to 2-3 racks.
- ✓ Network access, Data distribution, Data Storage
- ✓ Fully enclosed cabinet

Feature & benefits

- 5U Height to minimize the occupation of cabinet space.

- Provide needed Precise Cooling for electronics devices.

- Variable Speed Compressor and DC Fans to perform dynamic and step-less cooling capacity regulation.

- Split type design with highest efficiency EER up to 4.0+

- Using Electronic Expansion Valve to control refrigerant flow accurately

- Draw and Pull design with convenient access for installation and service.

- Patent Technology for achieving active cooling at super low ambient temperature.
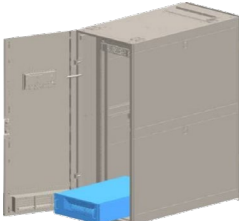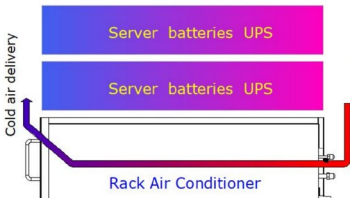
- Rate of sensible heat goes up to 0.95+
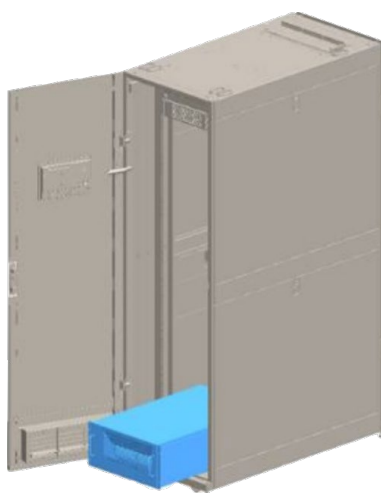
Contact Details

T. +46 763 916 550

info@hunterhex.com
sales@hunterhex.com

HUNTERHEX AB
EMEA Office
Färögatan 33
SE-164 51 Kista
Sweden

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UNIT DATASHEET

Rack Air Conditioner

Product Model		ARYC – 035- 000 - 010	ARYC – 035- 000 - 310
P/N		762010	762310
Performance			
Cooling Capacity L35/L35	W	3500	3500
Heating & Supply air temperature control option	W	/	
Rated power InputL35/L35 only cooling	W	850	
Rated Input-Heating option	W	/	
Air flow Circulation	m³ /h	800	
EER for cooling L35/L35	W/W	4.0	
Working environment	° C	-20 ~50	
Refrigerant type and charge weight R410A	g	1050	1050
Indoor Unit Noise Level	dB(A)	Min. 40 Max: 60	
Outdoor Unit Noise Level	dB(A)	Min. 40 Max: 60	
Power Supply			
Voltage input		220~240 VAC/ 50Hz	
Rated Current	Amps	4.0	
Max. Current only cooling	Amps	7.5	
System			
Compressor type		Rotary	
Expansion Device		Electronics type	
Evaporator & Condenser		Copper and Aluminum Fin	
Connecting Pipe Diameter			
Liquid Pipe	inch	1/4"	
Gas Pipe	inch	3/8"	
Features			
Display on Front Panel & LCD wireless remote controller		Yes	Yes
Washable PP Filter		Yes	
Modus protocol		Yes	
Unit size/weight			
Inner unit	mm	438*221.5*740	438*221.5*780
	Kg	20.0	21.0
Outdoor unit	mm	765*530*280	
	Kg	35	

Inner unit air delivery diagram

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UNIT DIMENSIONS

Rack Air Conditioner

Inner unit of 762010

740
221.5
482.6
438
37.7
146.1

Inner unit of 762310

780
221.5
482.6
438
37.7
146.1
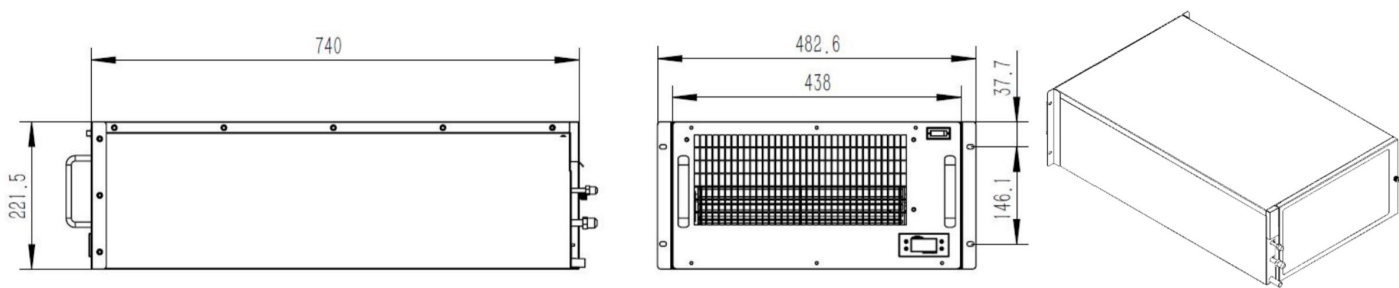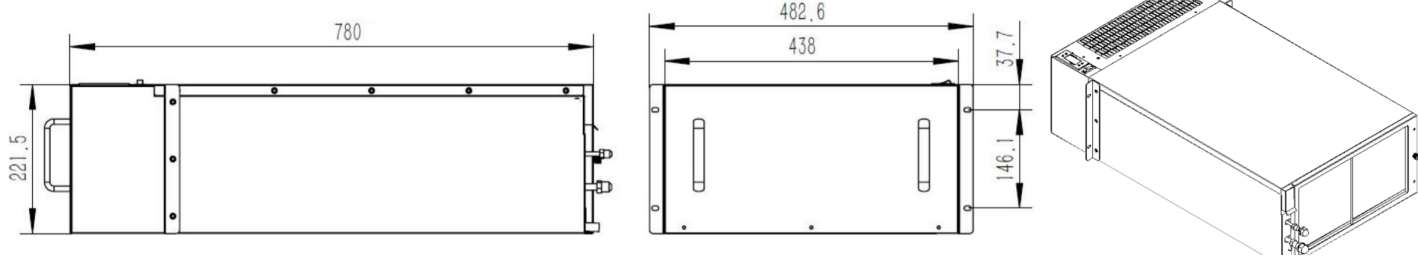
Outdoor unit of 762010/762310

280
765
530

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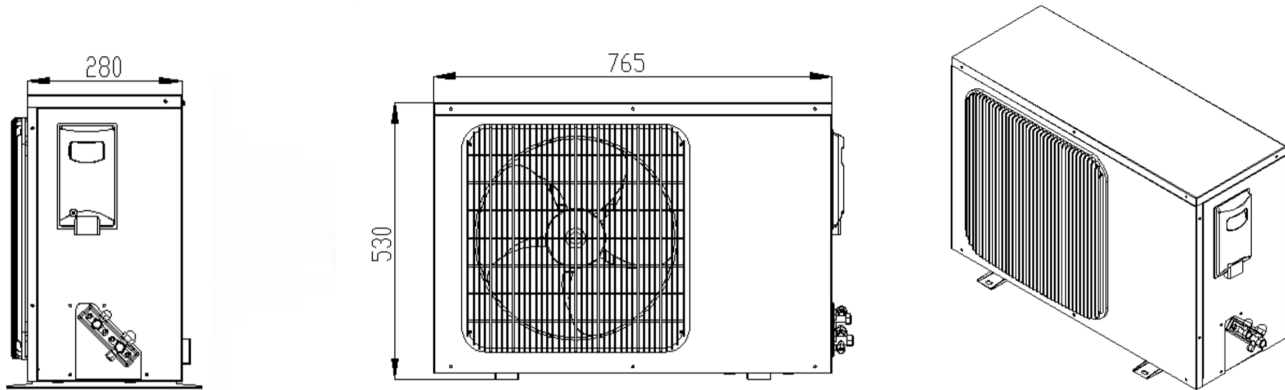
UNIT PACKAGE

Rack Air Conditioner

Indoor unit package

According to the actual delivery situation, when the quantity is multiple of 4 or 6, one pallets contain 4 sets, or 6 sets. Non-multiple idoor unit with a single carton. "The signle carton size is L*W*H 925*525*270mm"

Packing list for one Indoor unit			
NO.	Name	Quantity	Unit
1	Indoor Unit	1	Pcs
2	User manual	1	Pcs
3	Drain-pipe	1	Pcs
4	Pipe hoop	1	Pcs
5	Insulating pipe	1	Pcs
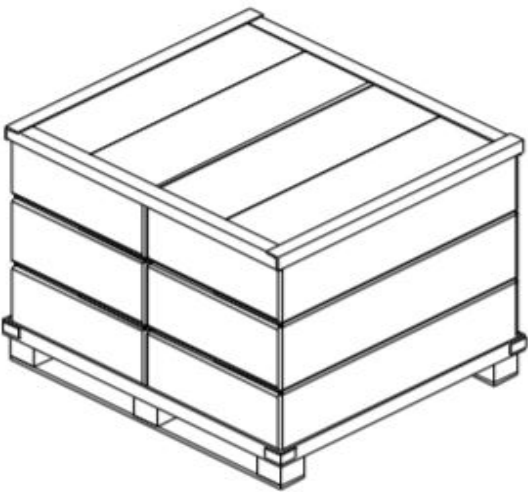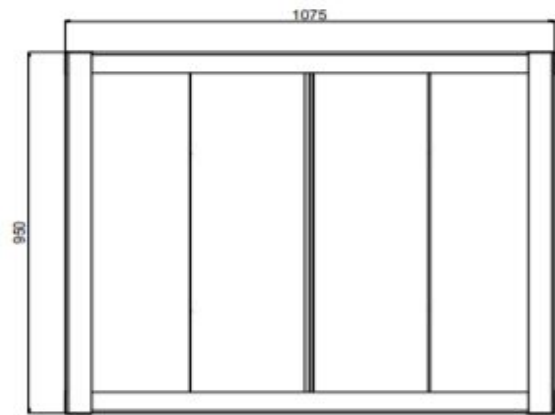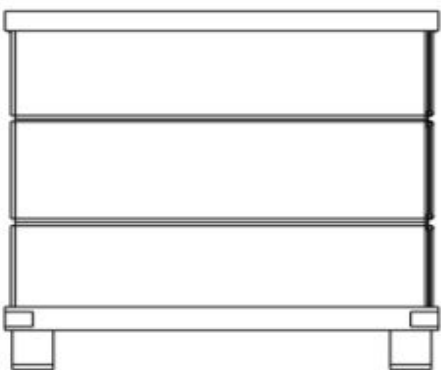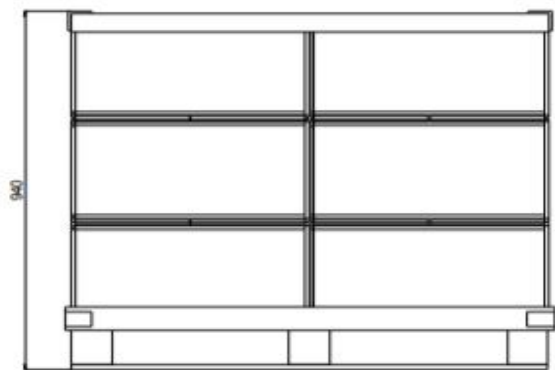
Gross wight: 150Kg (6 indoor units)

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