

# In-room Air Cooled Cooling Product

## NetCol8000-A013U

### Introduction

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NetCol8000-A013U is composed of indoor and outdoor unit. Indoor unit is configured with DC inverter compressor, large surface evaporator, EC fan, wet-film humidifier and electric heater, and it is commonly deployed around the equipment room. NetCol8000-A013U is an efficient, reliable and simple solution, which helps to build next generation green data center.

### Application Scenarios

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- Data center power distribution room
- Small computer room
- Communication room

### Value & Features

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#### Efficient

Full DC variable frequency design, cooling capacity stepless regulation, high efficiency at partial load

Wet-film humidifier, save energy 95%+ compared with electrode humidifier

#### Reliable

6kV surge protection level, greatly reduces the risk of lightning strike

Works stably at extremely ambient temperature, with less cooling capacity derating

#### Simple

The unit is delivered with refrigerant for 30 m long pipes, fast install on-site

The connectors of indoor and outdoor unit adopt welding-free design, easy to install and maintain



Indoor Unit



Outdoor Unit

## Technical Specification

### Indoor Unit Technical Specification

Unit Model	Unit	NetCol8000-A013U
Air Discharge Direction	-	Upflow
Total Cooling Capacity <sup>1</sup>	kW	13.0
Sensible Cooling Capacity	kW	11.7
Air Volume	m <sup>3</sup> /h	3600
Power Supply Voltage	V/Ph/Hz	380-415/3/50(60)
Refrigerant	-	R410A
Heating Capacity <sup>2</sup>	kW	4.0
Humidifier Capacity <sup>2</sup>	kg/h	3.0
Dimension: W×D×H	mm	800×664×1886
Net Weight <sup>3</sup>	kg	141(153)

1. Nominal cooling condition: Return air dry bulb temperature 24°C/RH50%, outdoor temperature 35°C.
2. The heating and humidification functions are optional.
3. The data in bracket is suitable for the unit with heater and humidifier.

### Outdoor Unit Technical Specification

Model	Unit	NetCol500-A022
Power Supply	V/Ph/Hz	220-240/1/50(60)
Fan Quantity	-	2
Liquid Pipe Diameter	in	3/8 in (outer diameter)
Gas Pipe Diameter	in	3/4 in (outer diameter)
Full Load Current	A	30
Dimension: W×D×H	mm	903×320×1325
Net Weight	kg	117

**Notice:** The pipe diameter is only for reference and it may be changed based on the actual configuration. If the pipe length is longer than 60m, please contact Huawei system engineer.

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