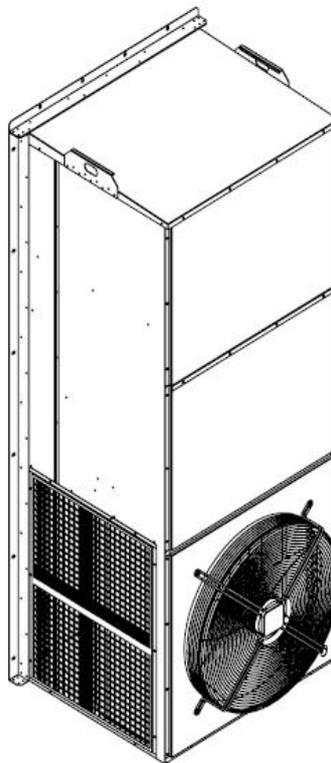




21KW Industrial air conditioner



Backpack Air Conditioner
CY-A60NA
Changzhou Chen Tong Yuan Communication Equipment Co.,Ltd
Please read the data sheet carefully before application, and contact us for further technical information
Email:info@cytech.org.cn

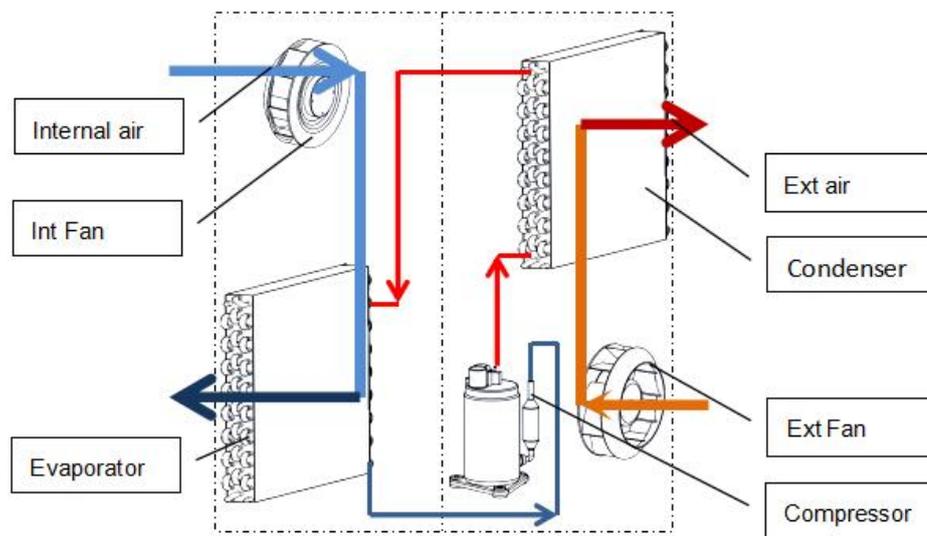
Introduction

Specially designed for outdoor container energy storage cabinets, power shelters and other applications that require heat dissipation, industrial air coolers have active cooling, heating, and dehumidification functions, creating a good temperature environment for the reliable operation of electronic power and battery equipment, and reducing equipment failure rates

- ◆ Efficient rotary compressor: reliable and energy-saving, optional DC variable frequency compressor
- ◆ Intelligent communication: RS485 communication port and dry contact alarm output port, convenient for remote monitoring
- ◆ Display screen optional: on-site parameters can be set to display the temperature and operating status inside the cabinet
- ◆ High protection level: suitable for outdoor applications
- ◆ Easy to maintain design: reduces maintenance difficulty
- ◆ Integrated external circulation air inlet screen: to avoid clogging of the heat exchanger with flocs
- ◆ Environmentally friendly refrigerant: adding a touch of greenery to the Earth

Thermal cycle and air flowing

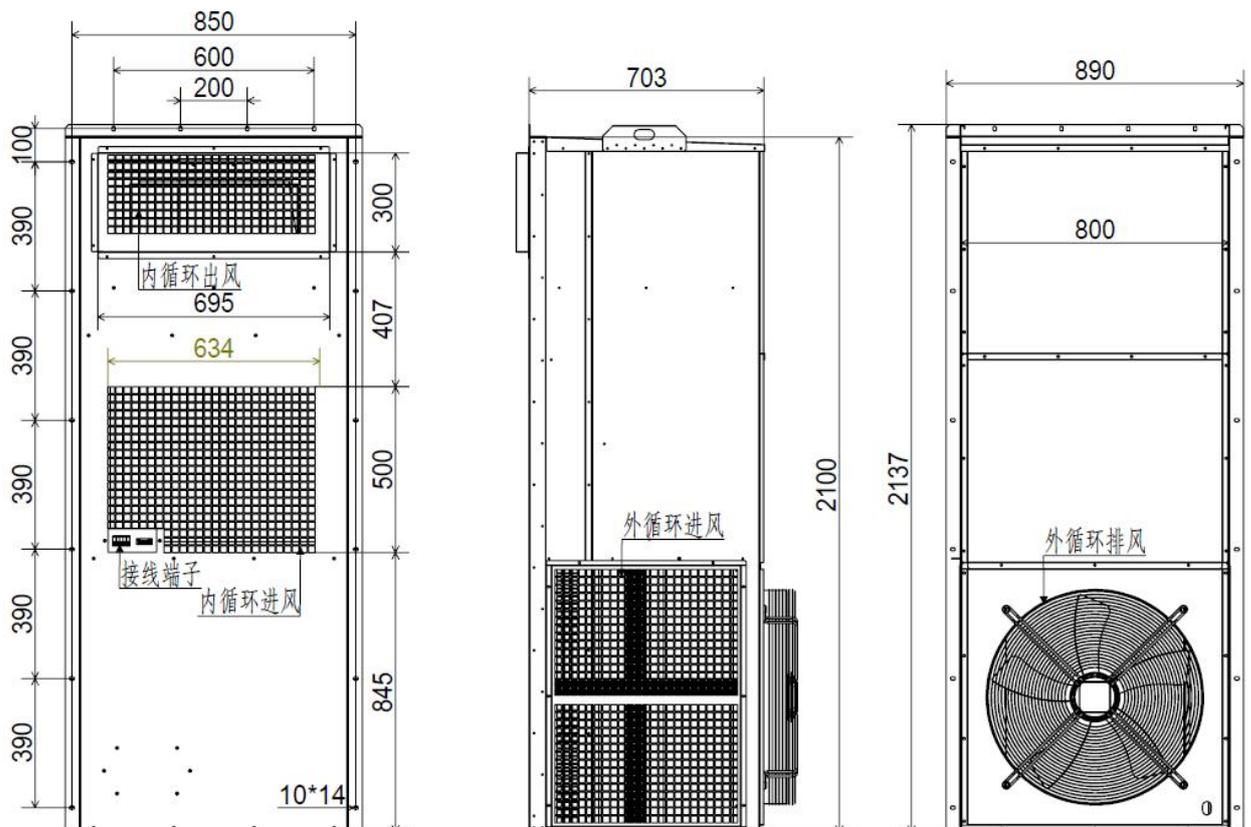
Cooling: the high-pressure refrigerant liquid in the system enters the evaporator and evaporates to absorb heat of the air in the cabinet, so the air is cooled, and the refrigerant that evaporates into gas in the evaporator is inhaled by the compressor and compressed into the high-pressure and high-temperature refrigerant gas, which enters the condenser and cooled to refrigerant liquid, and then re-enters the evaporator to cool the indoor air, and circulates accordingly



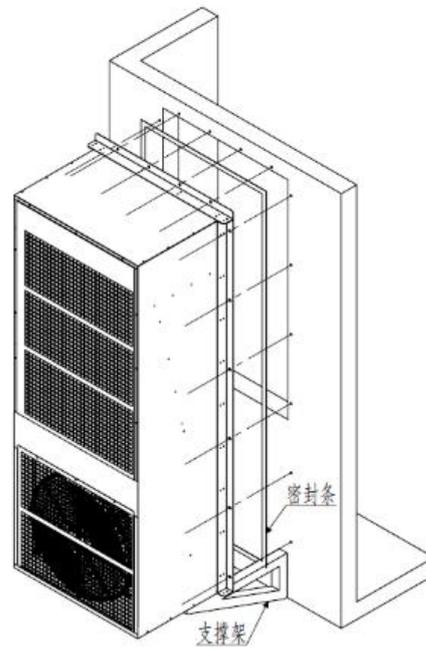
Parameters

Product Name	Industrial air conditioner
Model	A60NA
Rated voltage	3 Phase AC 380V±15%
Rated Frequency	50HZ±2%
Cooling capacity	21KW@L24/L35
Power consumption	8.5KW@L24/L35
Internal circulation air volume	6000m ³ /h
Refrigerant	R410a
Heater(PTC)	9kw
Working temperature	-30°C~+45°C
Max Noise Level	72dB(A)
IP Grade	IP55
Net Weight	210kg

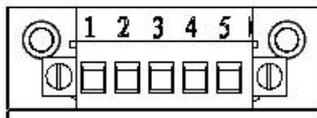
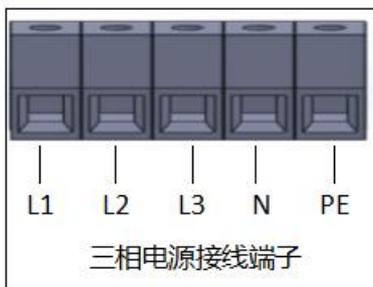
Equipment Outline Drawing



Installation



Electrical wiring diagram



Item	Description
1	DRY CONTACT - NC
2	DRY CONTACT - COM
3	DRY CONTACT - NO
4	RS485-A
5	RS485-B

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Remarks:

During transportation, it is strictly prohibited to tilt the air conditioner and ensure that it remains upright; Avoid objects blocking the air circulation at the inlet and outlet of the internal and external circulation.

When wiring, ensure that the wiring is correct and firm; The diameter of the main power cable should not be less than 6 square meters. It is recommended to install a circuit breaker at the front end of the power supply, and D32 specification is recommended.