

Product Introduction

Range of application

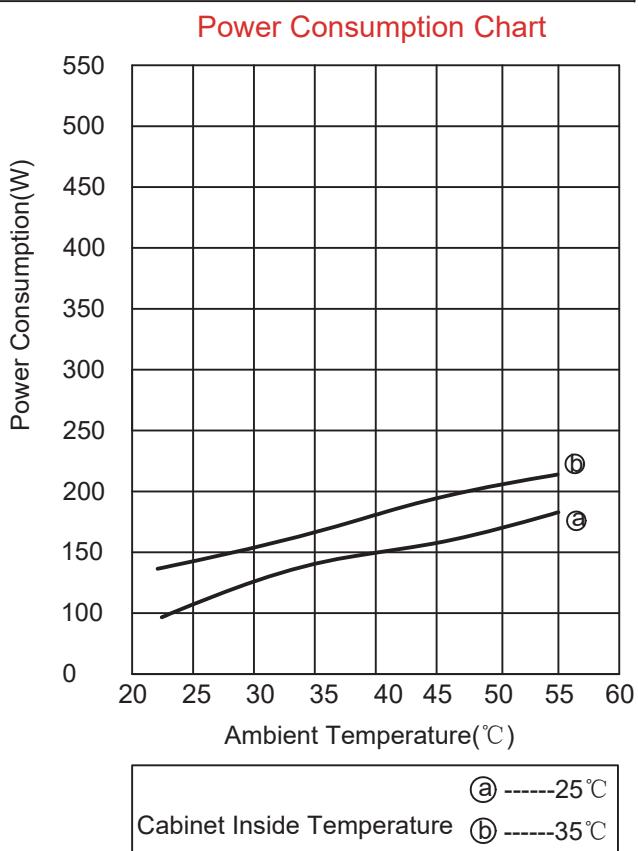
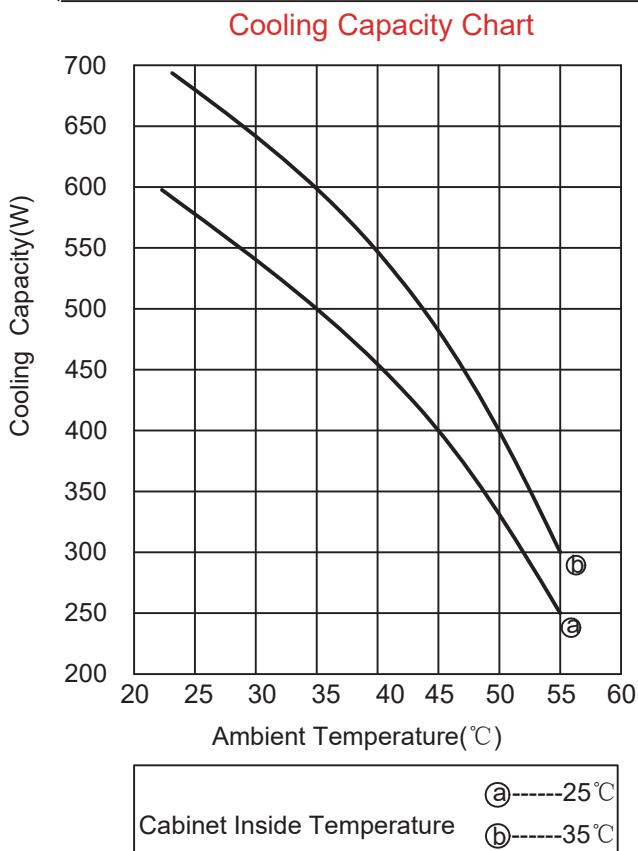
- This series product can be widely used in enclosed area for climate control, such as wireless communication cabinet, battery cabinet, industry control cabinet etc;

Product Design Feature

- Designed with all DC driven components like fans, compressor;
- Precise temperature control through inverter digital regulation of compressor, fans;
- Power supply voltage range: DC44~59 V;
- A comprehensive self-protection design to realize partial load starting, partial load operation at severe ambient condition;
- Low power consumption design with EER≥3.5, SEER≥ 5.5;
- Energy saving reach to 50% comparing with A.C. version product;
- IP55 environment protection & fit for T3 high temperature working condition by using of R134a refrigerant gas;
- The best cooling solution for solar, wind, diesel generator etc, hybrid power system;
- Strict process control and international brand parts deployed to ensure high quality and reliable of this product;
- Multiple self protection design;
- LED Display, all the settings can be changed at the field;
- Dry contact alarm output, NO/NC optional;
- Equipped with communication interface: RS485 and SNMP.
- LED Display, all the settings can be changed at the field; Measure and read the value of temperattrue and humidity
- Dry contact alarm output, NO/NC optional;
- Equipped with communication interface: RS485 and SNMP. Remote On and Off function available

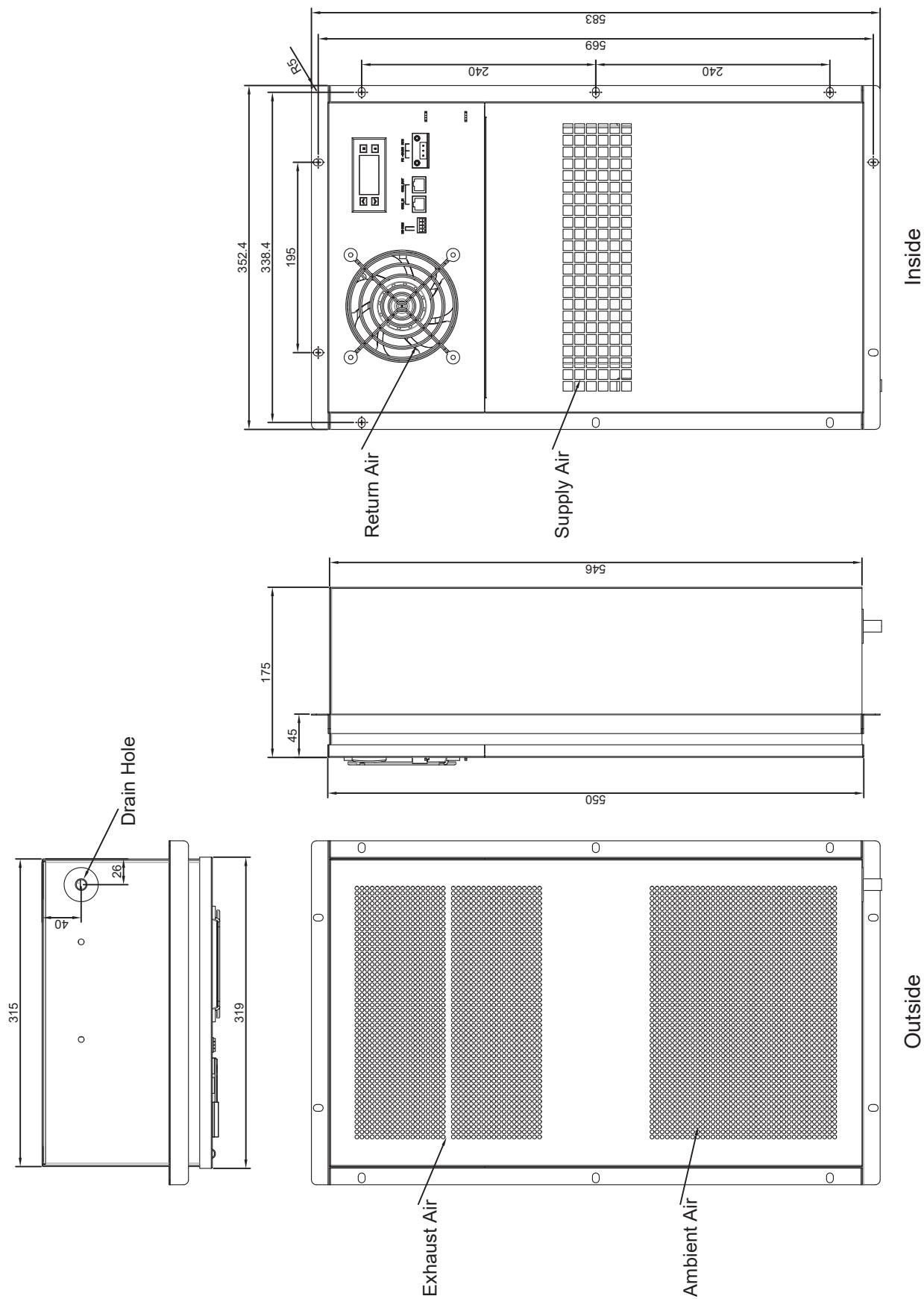
Technical Parameters

Name	Outdoor Cabinet Air Conditioner	
Model	HRUC A 006/N/E/D	HRUC A 006/N/E/D/H03
Mounting Method	Semi-embedded Mounting	
Power Supply	-48VDC	
Cooling Capacity	600W@L35/L35	
Power Consumption	160W@L35/L35	
Cooling Capacity	300W@L35/L55	
Power Consumption	210W@L35/L55	
Internal Airflow	160m³/h	
Working Temperature Range	-40°C~+55°C	
Max Noise Level	60dB(A)	
IP Grade	IP55	
Net Weight	20kg	
Refrigerant	R134a	
Dimensions	550x319x175(mm,HxWxD)	
CE&RoHS Compliant	YES	
Surface Treatment	Outdoor type powder coating,standard color: RAL7035	
Heater (Optional)	300W (DC Powered, * */H03)	



Product Dimension

Code	Model	Installation
88990	HRUC A 006/N/E/D	Semi-embedded Mounting
	HRUC A 006/N/E/D/H03	



Installation instructions

Code	Model	Installation
88990	HRUC A 006/N/E/D	/ Semi-embedded Mounting
	HRUC A 006/N/E/D/H03	

Figure 1-Cabinet Door Cutting Dimension

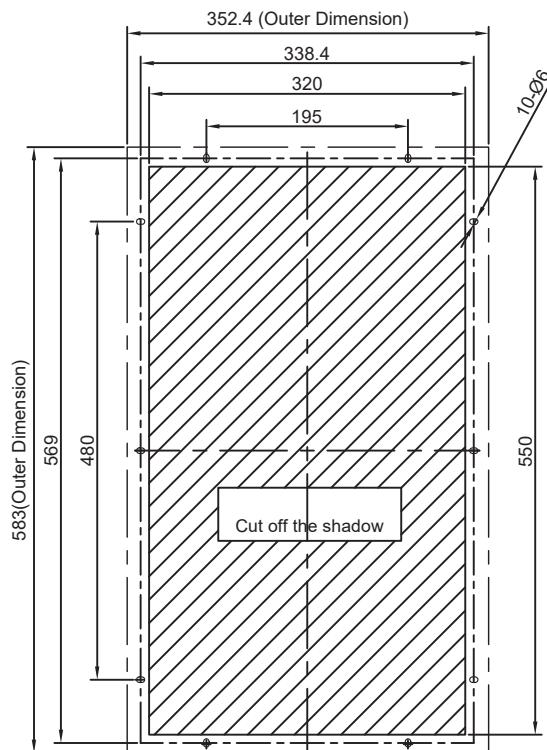
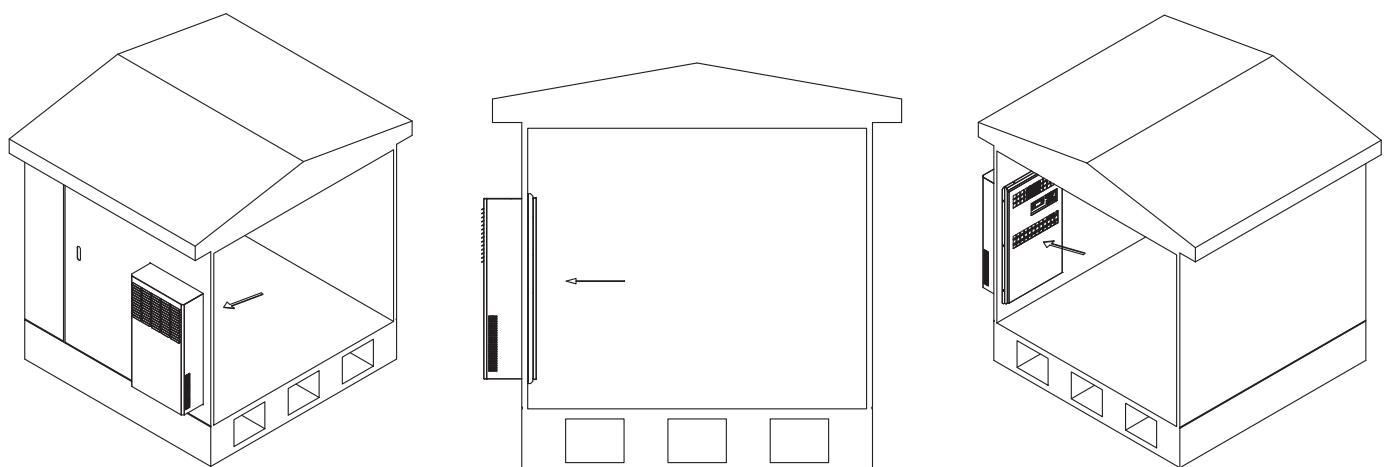
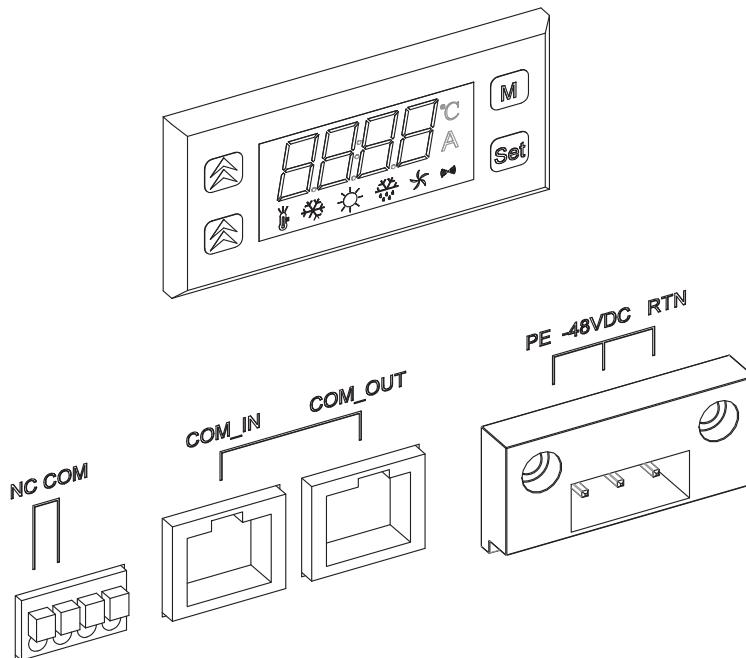


Figure 2-Installation Instruction



Terminal instructions



Instructions of display panel:

The display panel shows cabinet temperature under normal circumstance.

and shows alarm code when there is a malfunction.

In the bottom is the status bar,different lamp reprents different status.

-  : Flashing when self diagnosis or temperature setting mode.
-  : Lamp on when cooling;
-  : Lamp on when external fan is running;
-  : Flashing when alarm.

Symble	Definition
RTN	Positive pole of DC power
-48VDC	Negative pole of DC power
GND	Ground wire of DC power
NC/COM	Dry contact alarm output
COM_IN	RS485 and SNMP communication
COM_OUT	RS485 and SNMP communication

