

Product Introduction

Range of application

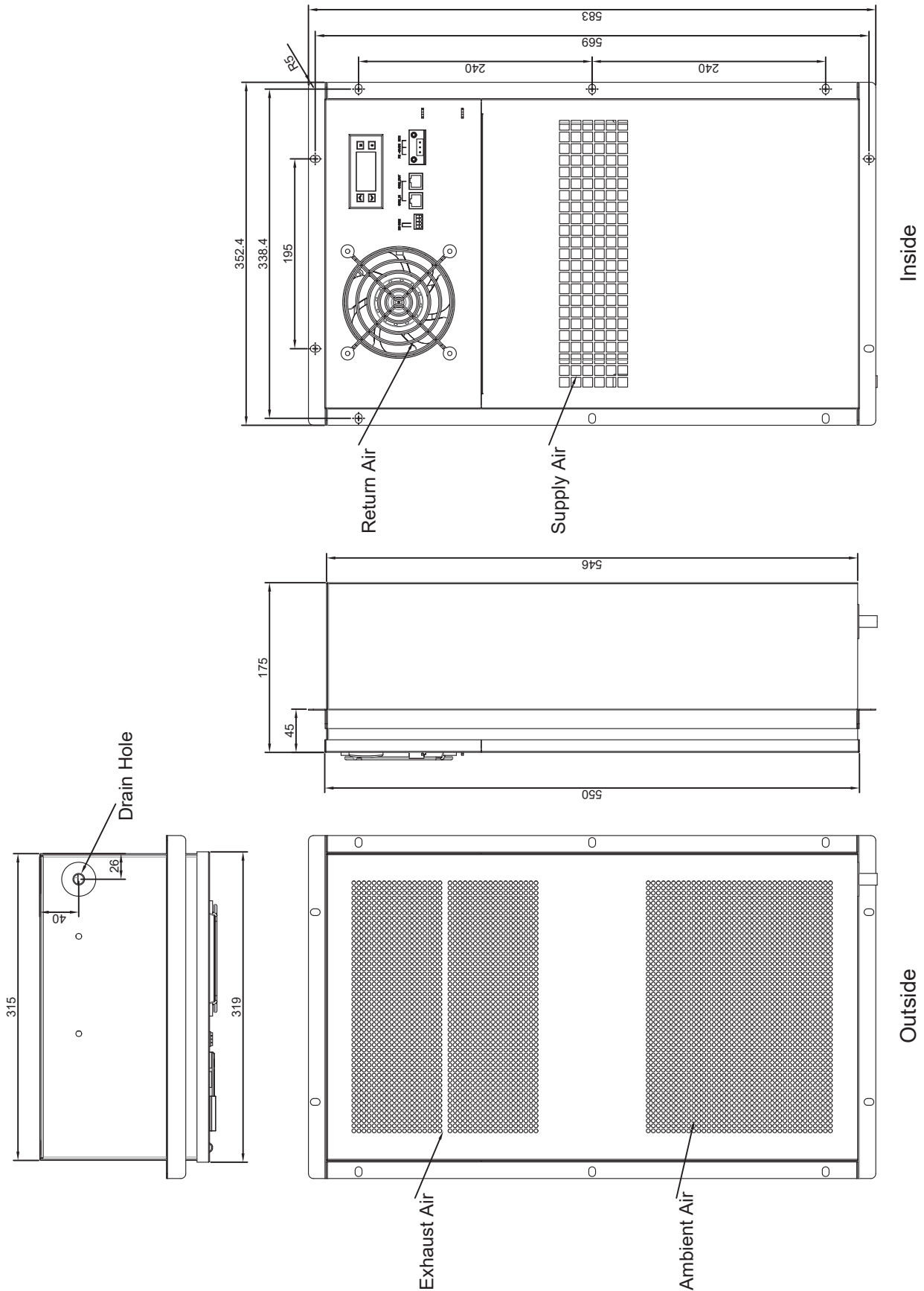
- This series product can be widely used in enclosed area for climate control, such as wireless communication cabinet, battery cabinet, industry control cabinet etc;

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 $EER \geq 3.5$, $SEER \geq 5.5$;
- 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 temperature and humidity
- Dry contact alarm output, NO/NC optional;
- Equipped with communication interface: RS485 and SNMP. Remote On and Off function available

Product Dimension

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



Installation instructions

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Figure 1-Cabinet Door Cutting Dimension

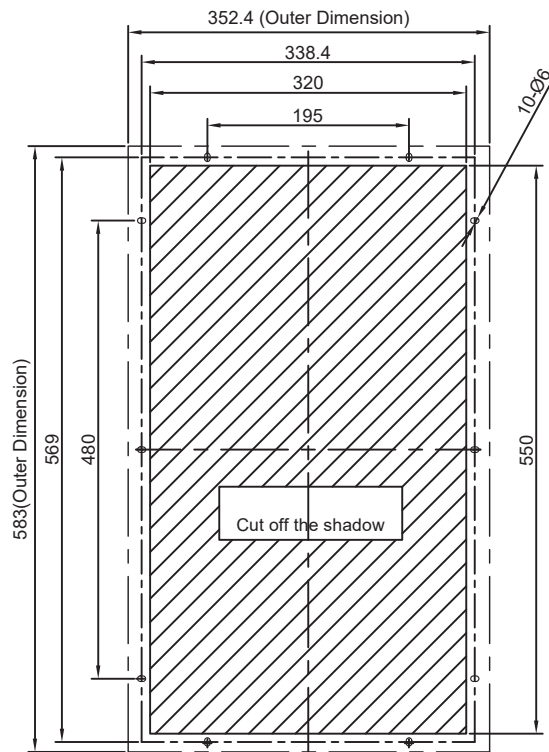
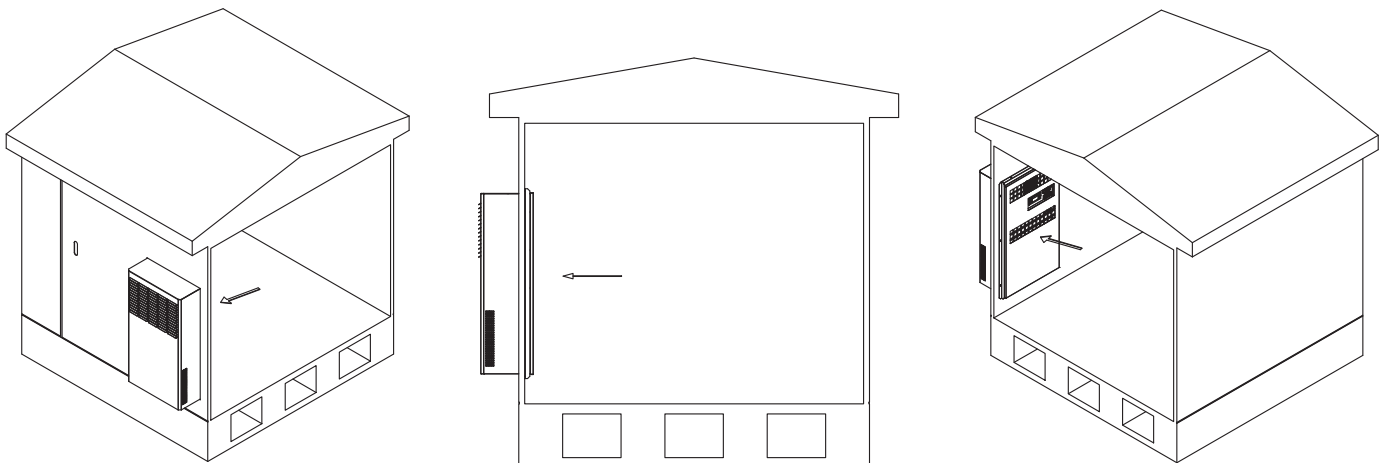
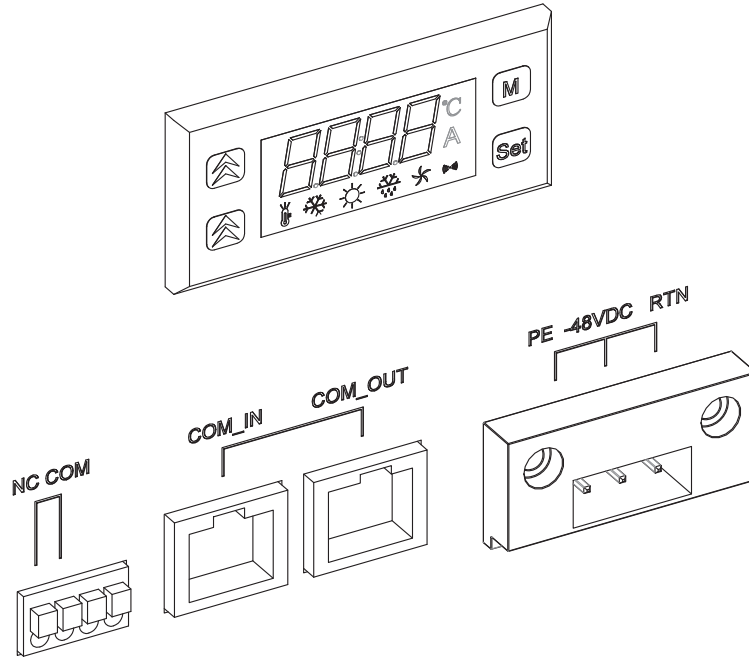


Figure 2-Installation Instruction







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 represents 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 contract alarm output |
| COM_IN | RS485 and SNMP communication |
| COM_OUT | RS485 and SNMP communication |

