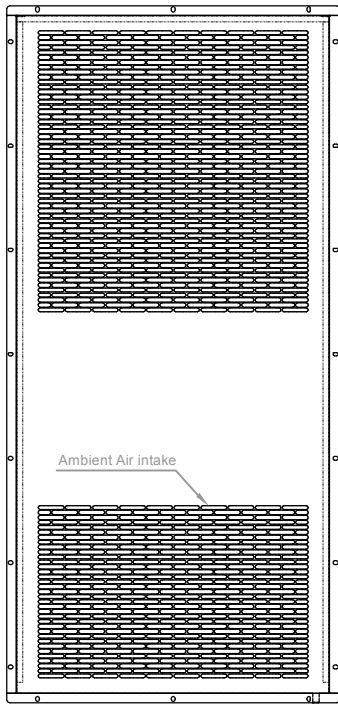
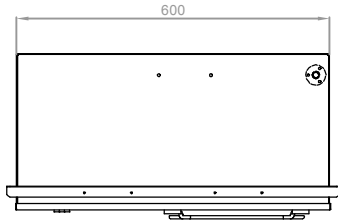


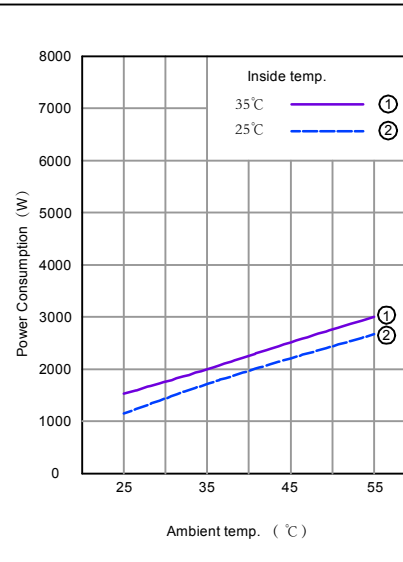
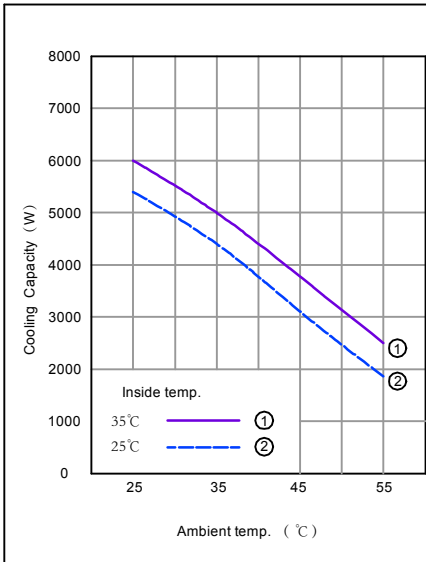
Model Definition:

AIYB-050-010-050  
 AIYB-050-000-050

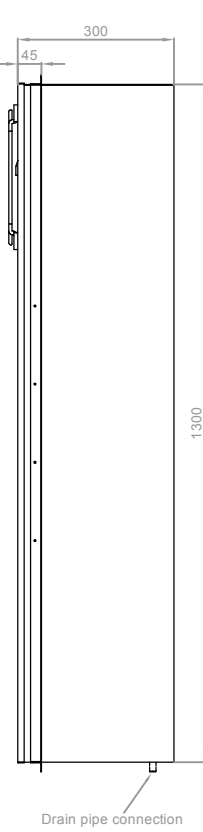
050: Product ID  
 000: No heater; 020: Heater Size 1000W  
 050: Cooling Capacity 5000W  
 B: Refrigerant = R134a  
 Y: 230VAC 50HZ Power Supply  
 I: Industry Application  
 A: Air Conditioner



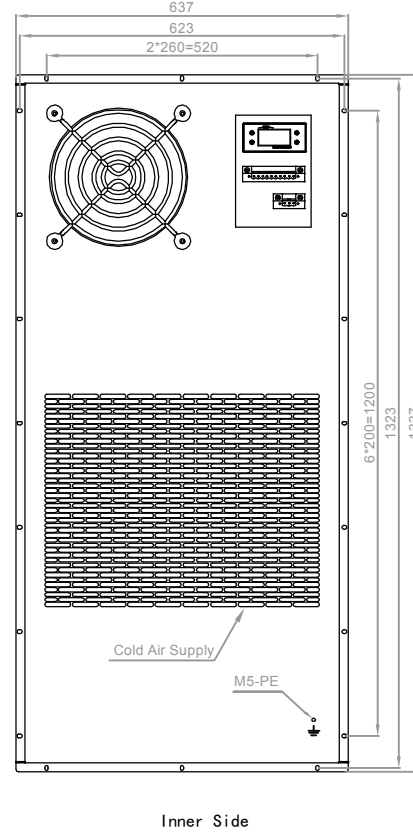
Ambient Side



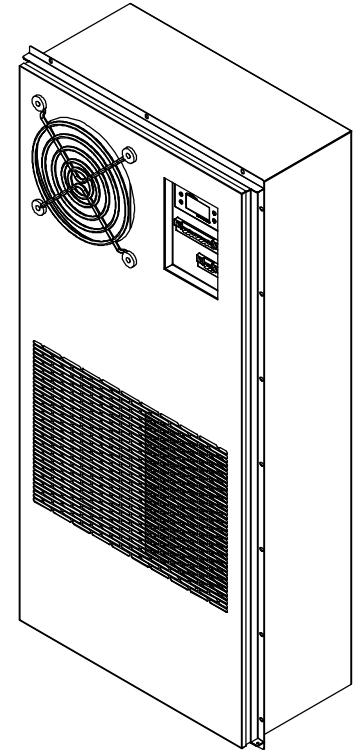
DC power supply range	230VAC ±15% / 50Hz
Cooling capacity	5000W @ 35°C / 35°C
Rated power Consumption	2000W @ 35°C / 35°C
Rated current	8.7A @ 35°C / 35°C
Inner circulation air flow rate	1000m³/h
Display	LED
Heater	1000W (Option per order)
Heater power supply range	230VAC ±15% / 50Hz
Operating temperature range	-15°C ~ +55°C
Max. noise level	65dB(A) @ 1.0m away
IP protection level	IP55 - between external and internal interface
Net weight	80Kg
Outer dimension	1300x600x300 (mm,HxWxD)
Refrigerant type	R134a
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years



Drain pipe connection



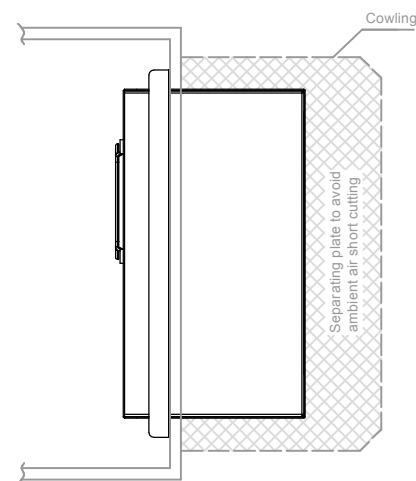
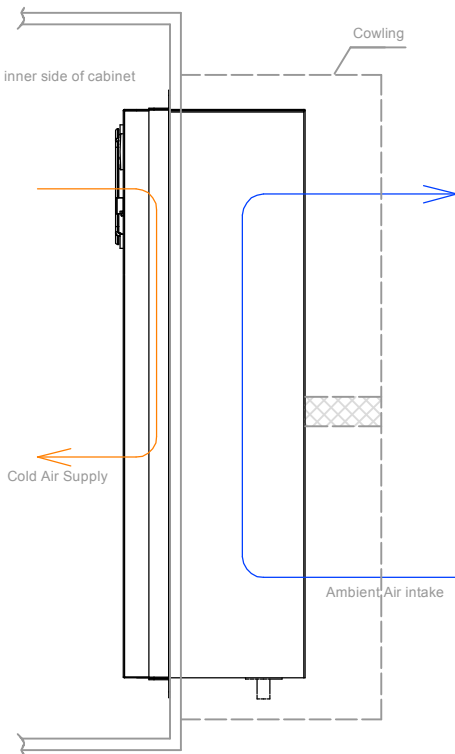
Inner Side



**HUNTERHEX** Smart Green Climate and Energy Solutions

P/N: 732050 Ver.: A  
 Name: 5000W AC Air Con.  
 Model: AIYB-050-010-050  
 AIYB-050-000-050

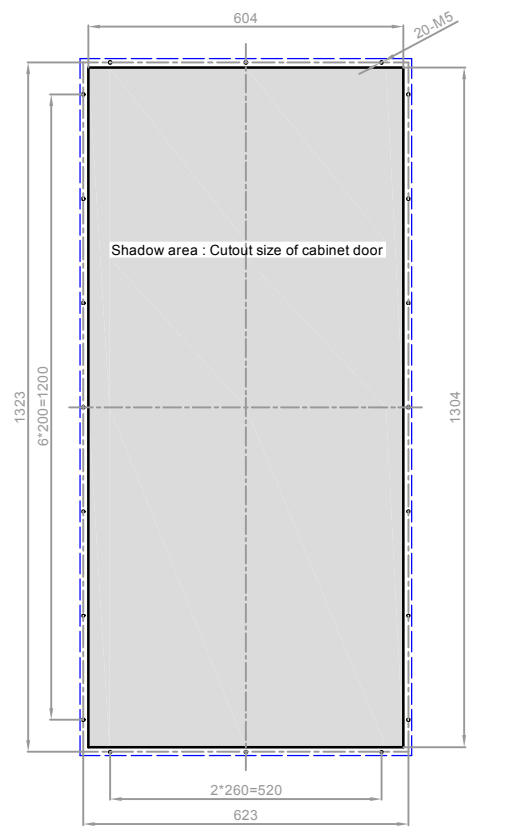
Figure 1 - Installation tips if extra cowling needed by customer



Note:  
**It is not recommended to add extra cowling**

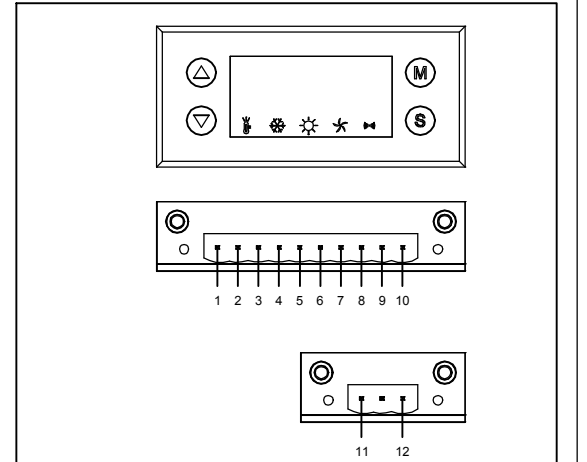
While if customer insist on doing that, please follow below rules:  
 1. The louvers for ambient air intake and discharge must keep 70% above open area for having sufficient air flow  
 2. A separating plate must be added to avoid air short cut between intake & exhaust air

Figure 2 - Mounting interface with cabinet door



Blue dashed rectangle : Air conditioner projected dimension on door (1337x637mm)

Figure 3 - Wiring interface with customer circuit



No.	symbol	Definition
1	T/R+	T/R+ port for RS485 communication
2	T/R-	T/R- port for RS485 communication
3	NC	Normally Closed port for alarming signal output
4	COM	Common Port for Alarming signal output
5	NO	Normally open port for alarming signal output
6	CONTROL	Control signal input : on / off dry switch type
7	/	/
8	/	/
9	/	/
10	/	/
11	L	Pole : AC - L
12	N	Pole : AC - N

Display explanation :  
 LED will show inner air temp. at normal working, while also show alarming code when alarming triggered.

- Status bar : with indicator light
- Keep lighting when do parameter setting
  - Keep blinking when unit carry out self testing process
  - Keep lighting under normal cooling operation
  - Keep lighting under normal heating operation
  - Keep lighting when external cycle fan start working
  - Keep blinking for alarming triggered

**HUNTERHEX** Smart Green Climate and Energy Solutions

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 AIYB-050-000-050