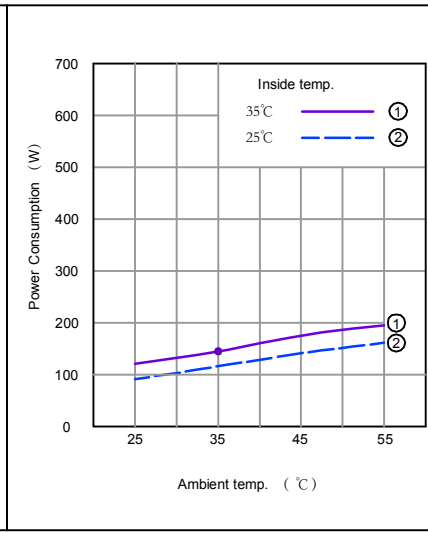
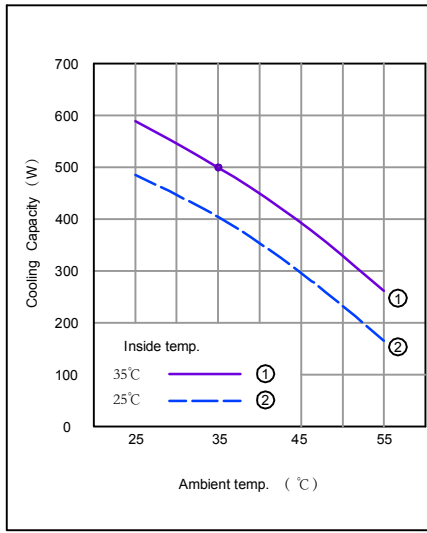
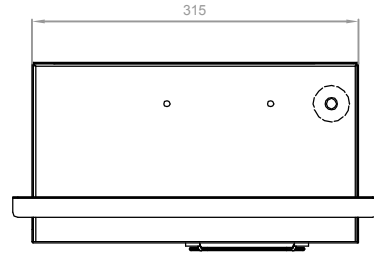


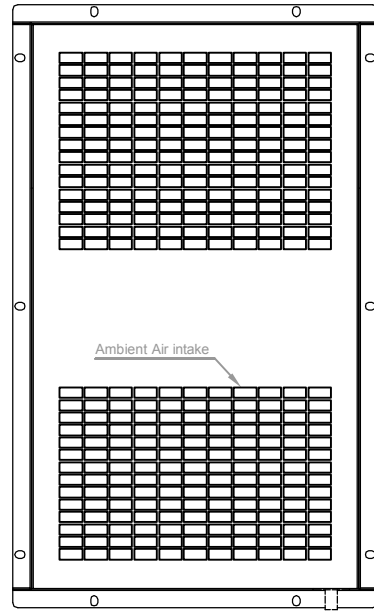
Model Definition:

ACZB-005-000-010
 ACZB-005-003-010

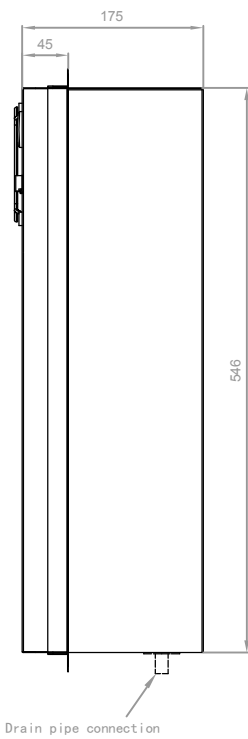
- 010: Product ID
- 000: No heater ; 003: Heater Size 300W
- 005: Cooling Capacity 500W
- B: Refrigerant = R134a
- Z: DC Power Supply
- C: Cabinet Application
- A: Air Conditioner



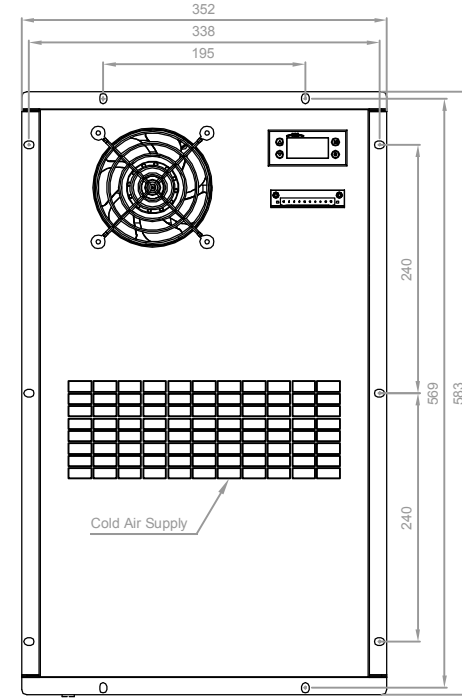
Cooling capacity	500W @ 35 °C / 35°C
DC power supply range	48VDC (40 ~ 60VDC)
Rated power Consumption	145W @ 35 °C / 35°C
Rated current	3.0A @ 35 °C / 35°C
Inner circulation air flow rate	155m³/h
Display	LED
Heater	Option per order
Operating temperature range	-40 °C ~ +55 °C
Max. noise level	60dB(A) @ 1.0m away
IP protection level	IP55 - between external and internal interface
Net weight	20Kg
Outer dimension	546x315x175 (mm,HxWxD)
Refrigerant type	R134a
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years



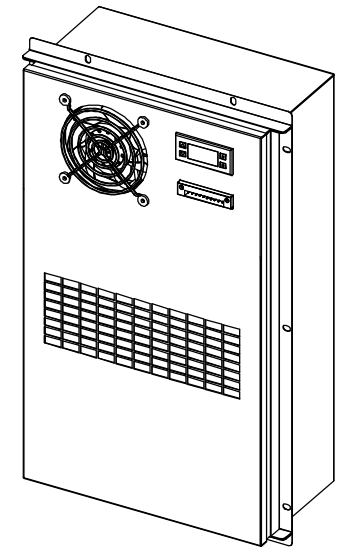
Ambient Side



Drain pipe connection



Inner Side



	P/N: 711010	Ver.: A
	Name: 500W DC Air Con.	
Model: ACZB-005-003-010		
ACZB-005-000-010		

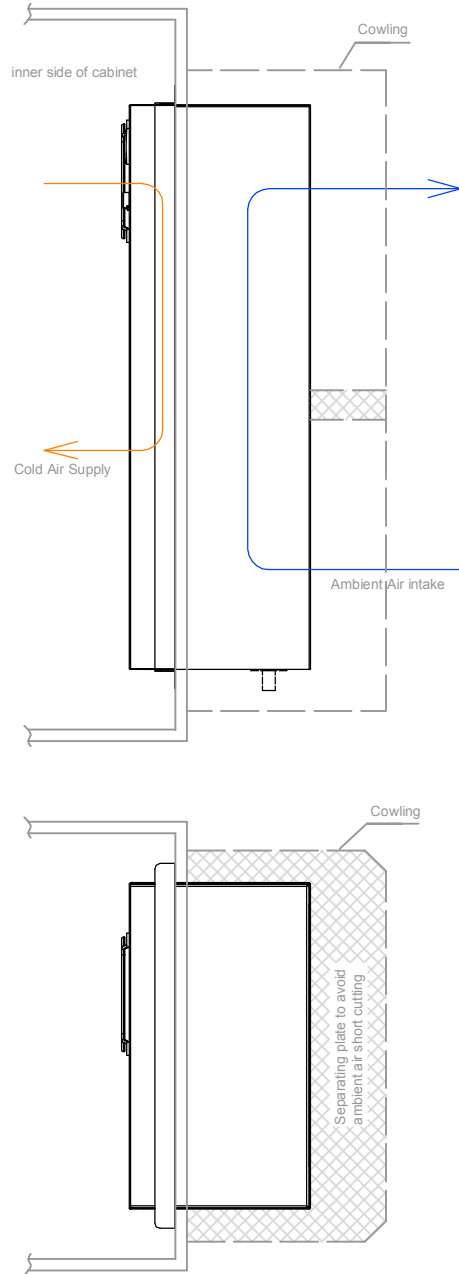
A

B

A

B

Figure 1 - Installation tips if extra cowling needed by customer

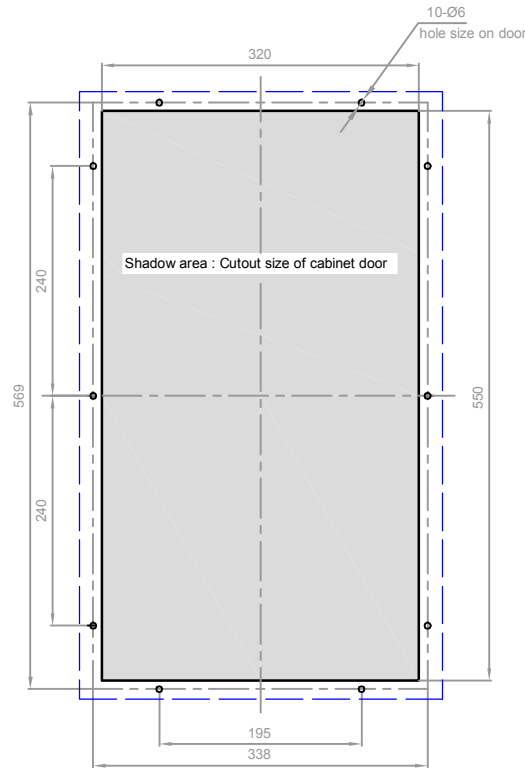


Note:
It is not recommended to add extra cowling

While if customer insist on doing that, please follow below rules:

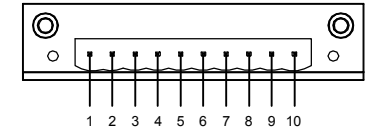
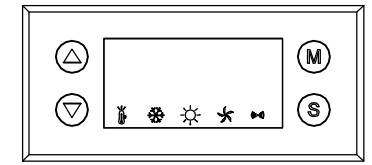
1. The louvers for ambient air intake and discharge must keep 70% above open area for having sufficient air flow
2. A separating plate must be added to avoid air short cut between intake & exhaust air

Figure 2 - Mounting interface with cabinet door



Blue dashed rectangle : Air conditioner projected dimension on door (583x352mm)

Figure 3 - Wiring interface with customer circuit



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

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



P/N: 711010 | Ver.: A

Name: 500W DC Air Con.

Model:

ACZB-005-003-010

ACZB-005-000-010

2 2

