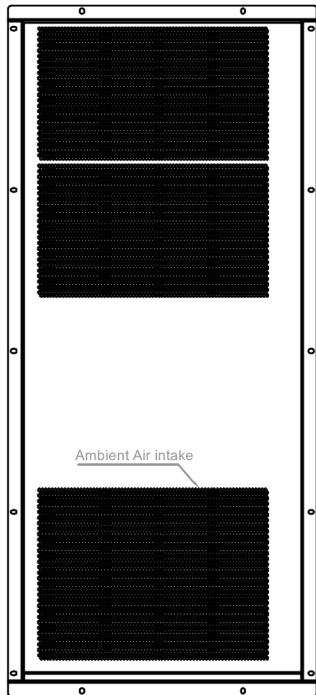


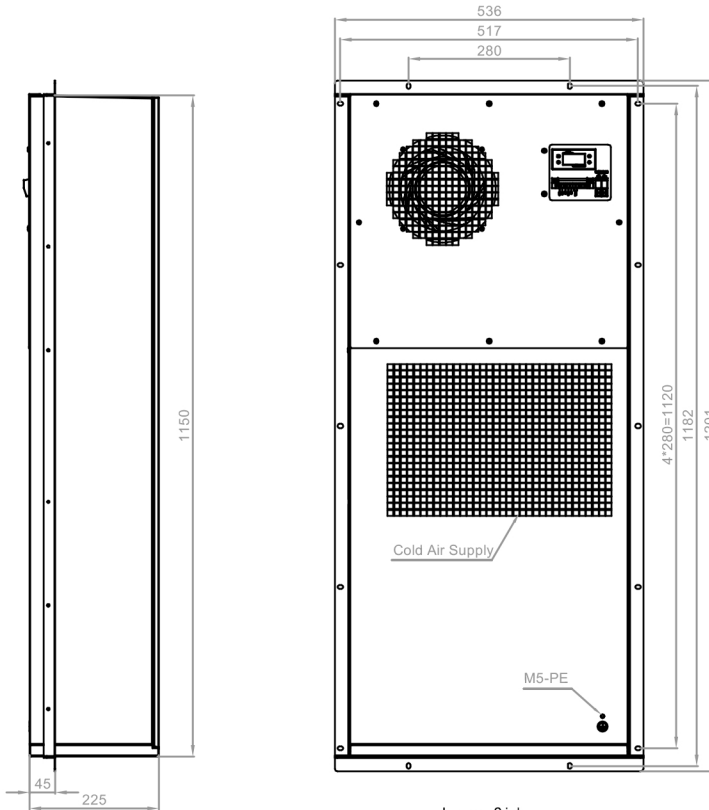
Model Definition:

ACZB-025-000-053

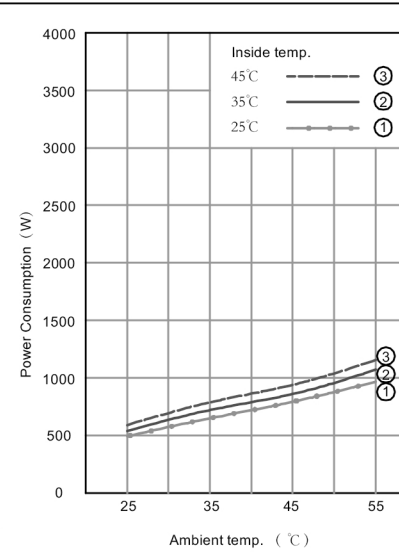
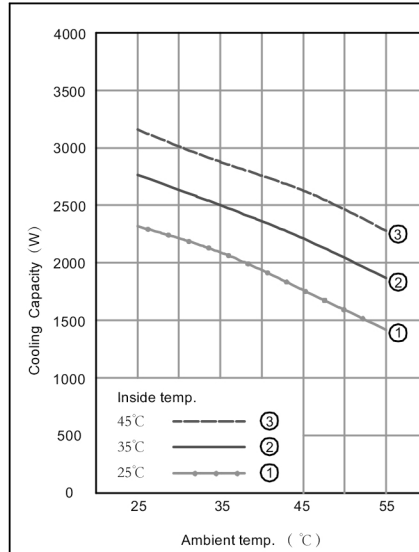
- 053: Product ID
- 000: No heater
- 025: Cooling Capacity 2500W
- B: Refrigerant = R134a
- Z: DC Power Supply
- C: Cabinet Application
- A: Air Conditioner



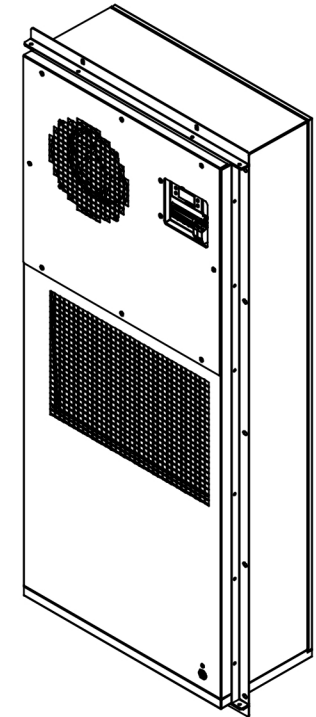
Ambient Side



Inner Side



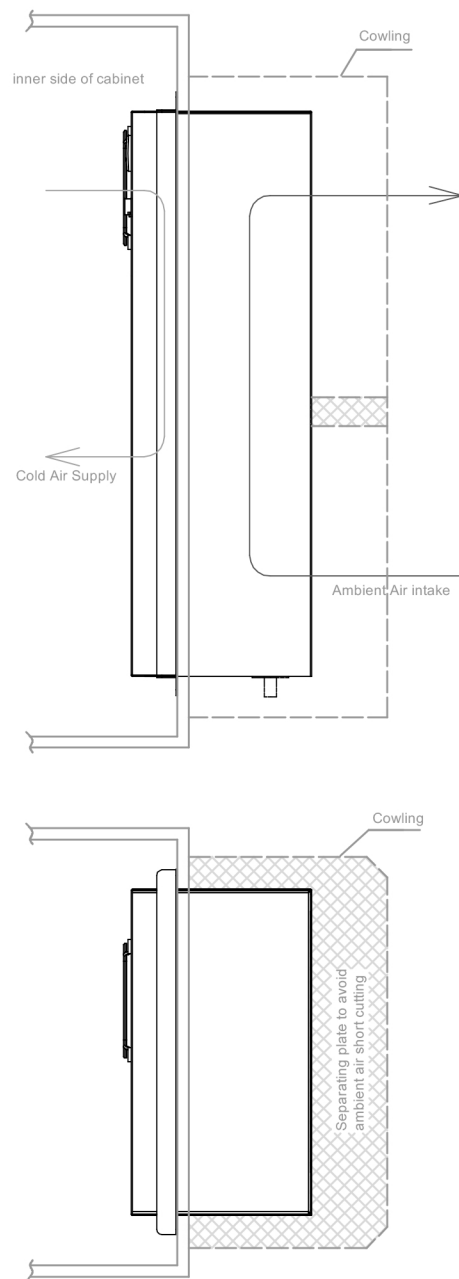
Rated voltage	-48V ---
Cooling capacity	2500W @ 35°C / 35°C
Rated power Consumption	720W @ 35°C / 35°C
Rated current	15A @ 35°C / 35°C
EER	3.5
Inner circulation air flow rate	800m³/h
Display	LED
Heater	NA
Operating temperature range	-15°C ~ +55°C
Max. noise level	65dB(A) @ 1.0m away
IP protection level	IP55 - between external and internal interface
Net weight	47Kg
Outer dimension	1150x485x225 (mm,HxWxD)
Refrigerant type	R134a
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years



P/N:	711053	Ver.:	A
Name:	2500W DC Air Con.		
Model:	ACZB-025-000-053		



Figure 1 - Installation tips if extra cowling needed by customer

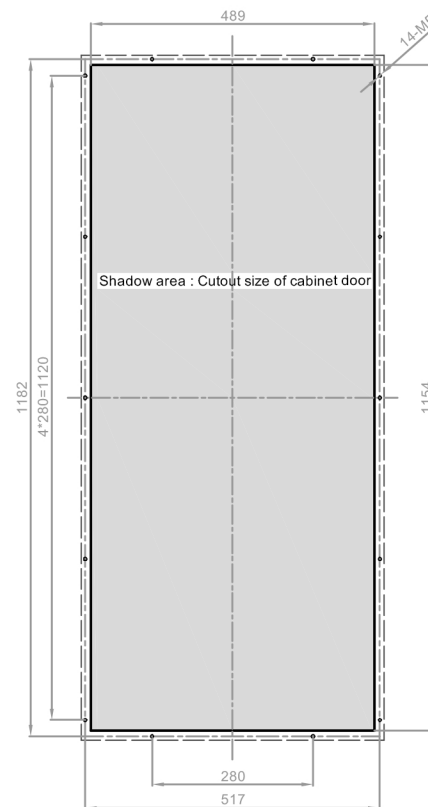


Note:
It is not recommended to add extra cowling

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

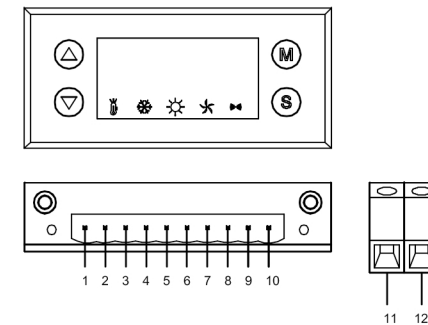
1. The louvers for ambient air intake and discharge must keep 70% above open area for having sufficient air flow
2. A separating plate must be added to avoid air short cut between intake & exhaust air

Figure 2 - Mounting interface with cabinet door



Blue dashed rectangle : Air conditioner projected dimension on door (1201x536mm)

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	RTN	Pole : DC - positive
12	-48V	Pole : DC - negative

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

Page 2 of 2	P/N: 711053	Ver.: A
	Name: 2500W DC Air Con.	
	Model: ACZB-025-000-053	