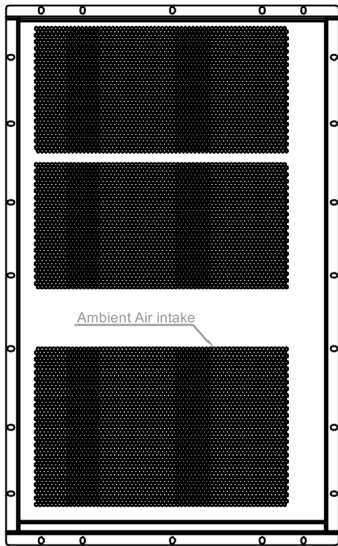
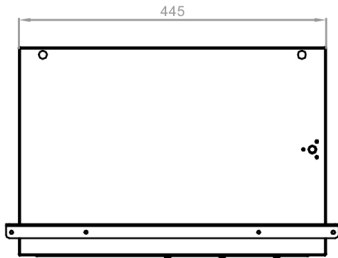


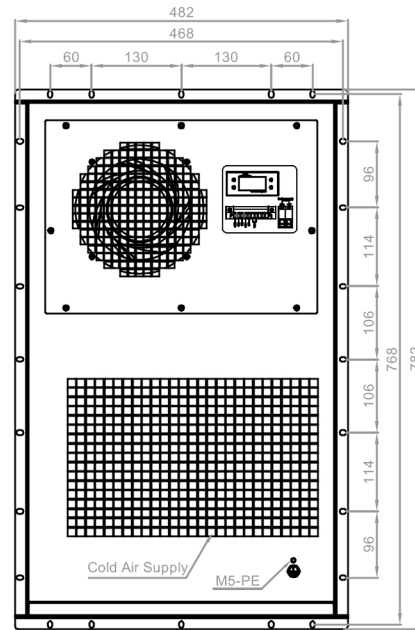
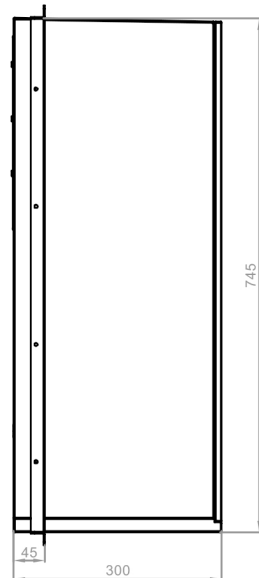
Model Definition:

ACZB-030-000-120

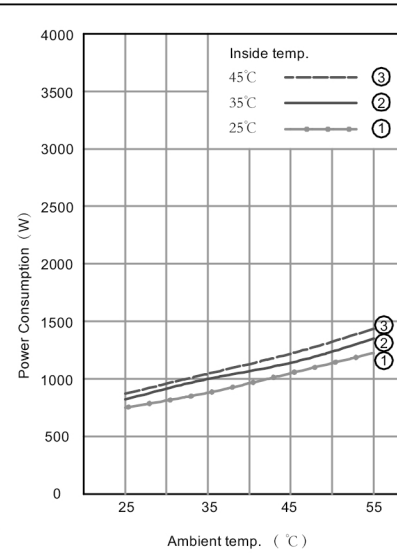
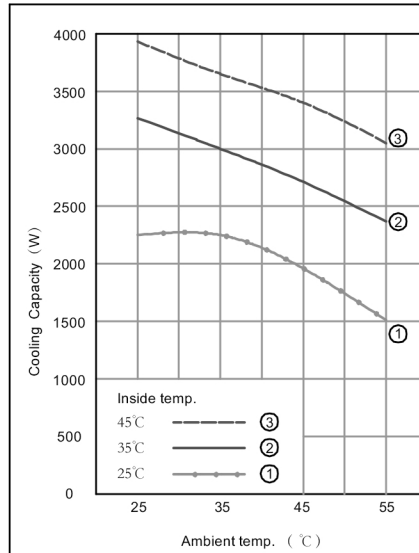
- 120: Product ID
- 000: No heater
- 030: Cooling Capacity 3000W
- B: Refrigerant = R134a
- Z: DC Power Supply
- C: Cabinet Application
- A: Air Conditioner



Ambient Side



Inner Side



Rated voltage	-48V
Cooling capacity	3000W @ 35°C / 35°C
Rated power Consumption	1000W @ 35°C / 35°C
Rated current	20.8A @ 35°C / 35°C
EER	3.0
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	40Kg
Outer dimension	745x445x300 (mm,HxWxD)
Refrigerant type	R134a
Certification	UL
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years

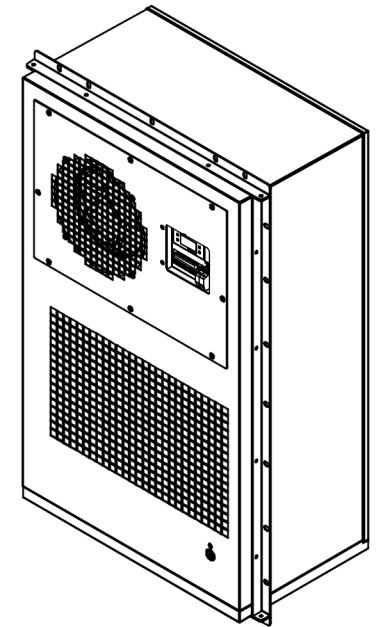
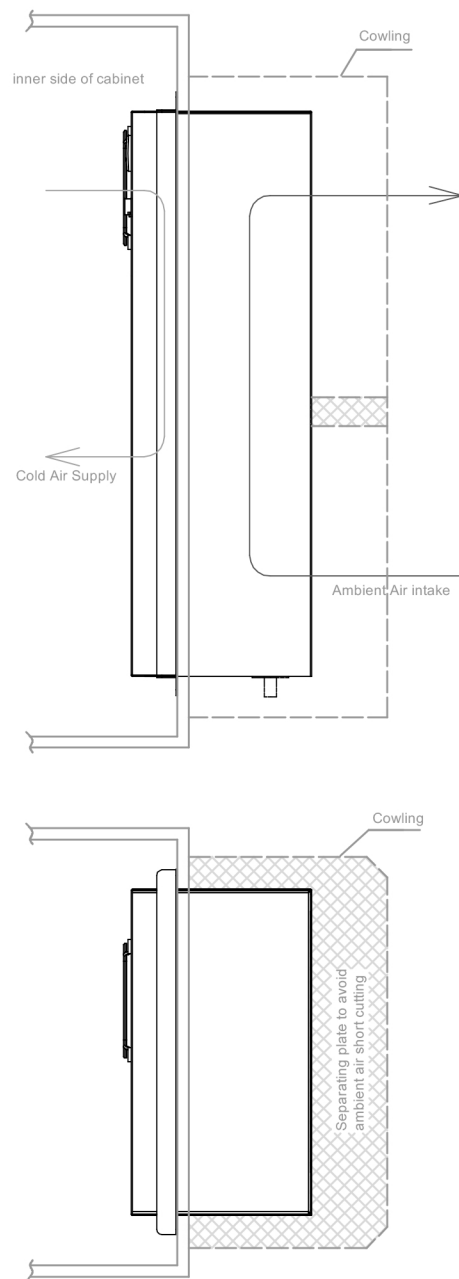


Figure 1 - Installation tips if extra cowling needed by customer

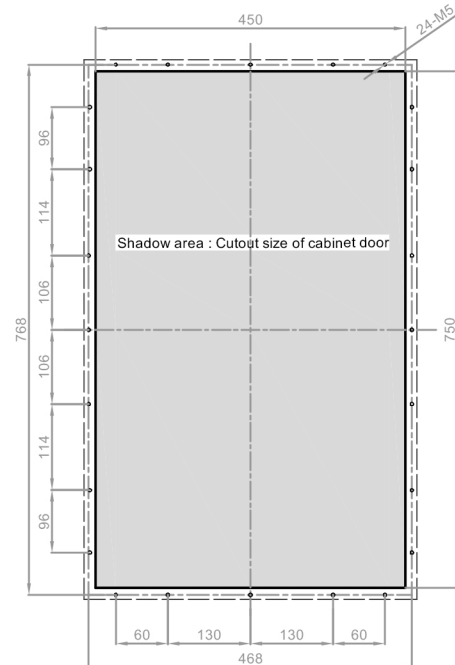


Note:
It is not recommended to add extra cowling

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

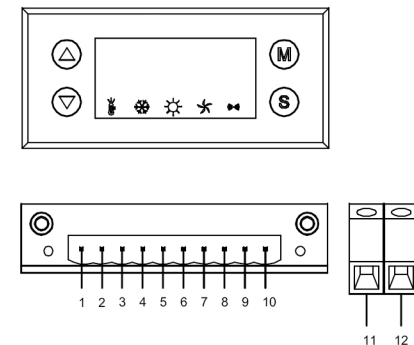
1. The louvers for ambient air intake and discharge must keep 70% above open area for having sufficient air flow
2. A separating plate must be added to avoid air short cut between intake & exhaust air

Figure 2 - Mounting interface with cabinet door



Blue dashed rectangle : Air conditioner projected dimension on door (782x482mm)

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: 711120	Ver. : A
	Name:	3000W DC Air Con.
	Model:	ACZB-030-000-120