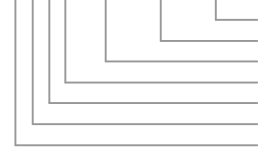
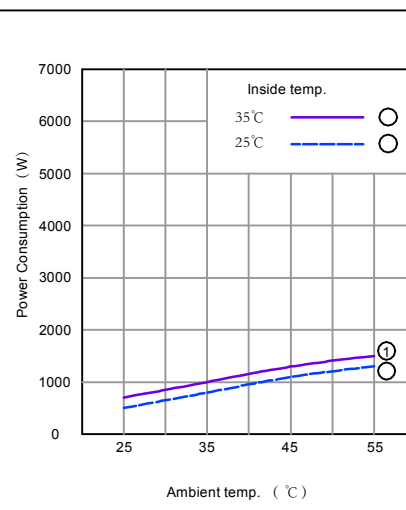
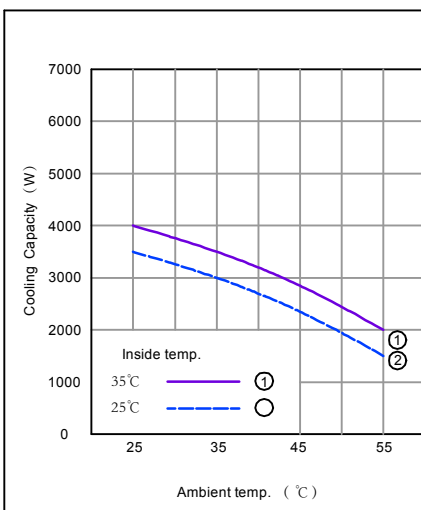


Model Definition:

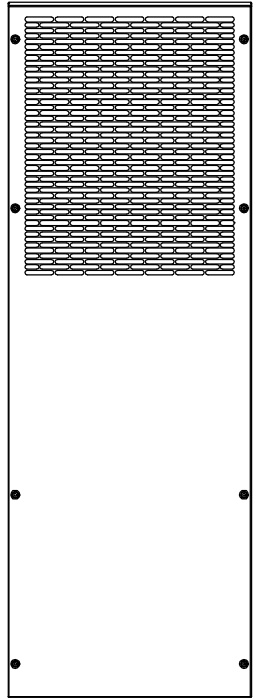
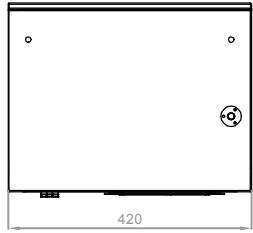
ACZB-040-000-009



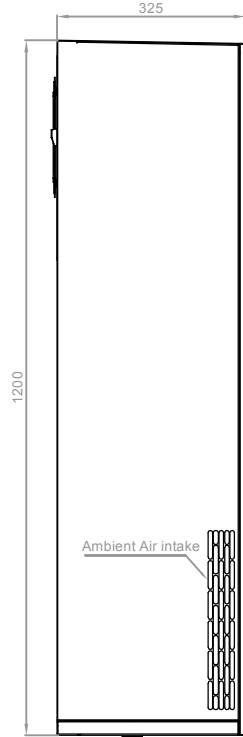
Z: DC Power Supply
C: Cabinet Application
A: Air Conditioner



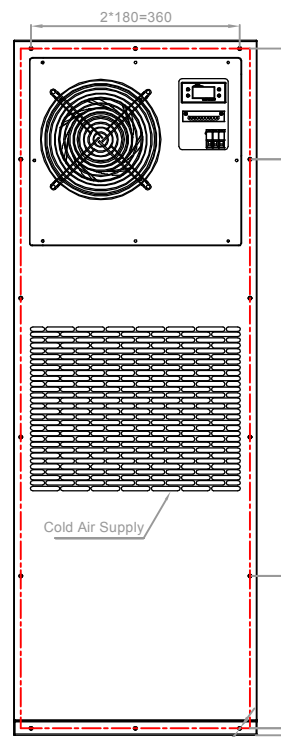
Cooling capacity	
DC power supply range	48VDC (40 ~ 60VDC)
Rated power Consumption	1000W @ 35°C / 35°C
Rated current	20.8A @ 35°C / 35°C
Inner circulation air flow rate	800m³/h
Display	LED
Heater	NA
Operating temperature range	-40°C ~ +55°C
Max. noise level	65dB(A) @ 1.0m away
IP protection level	IP55 - between external and internal interface
Net weight	65Kg
Outer dimension	1154x489x225 (mm,HxWxD)
Refrigerant type	R134a
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years



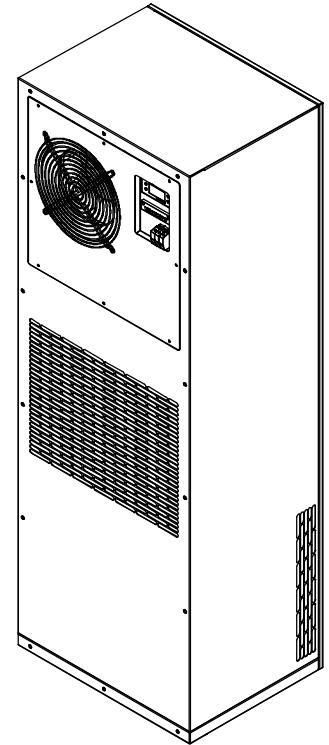
Ambient Side



Drain pipe connection

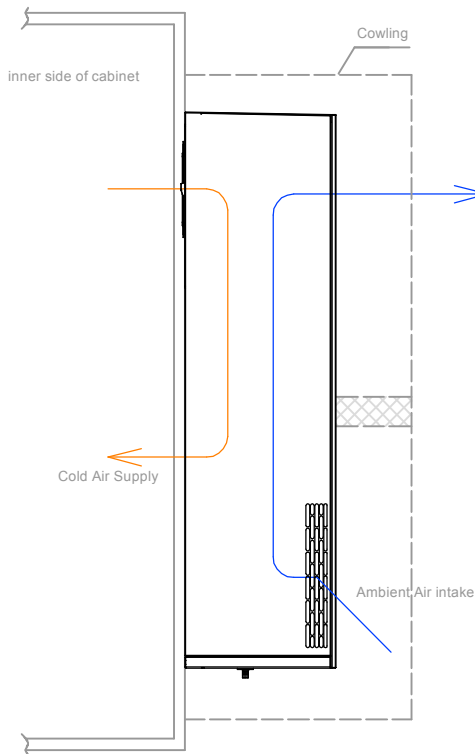


Cold Air Supply



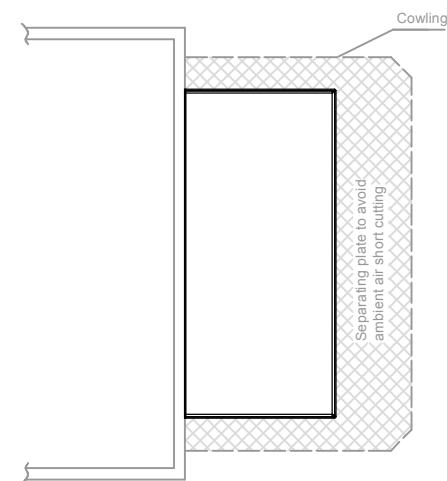
		P/N: 711020	Ver.: A
		Name:	4000W DC Air Con.
		Model:	ACZB-040-000-009
2	1		

Figure 1 - Installation tips if extra cowling needed by customer



Cold Air Supply

Ambient Air Intake

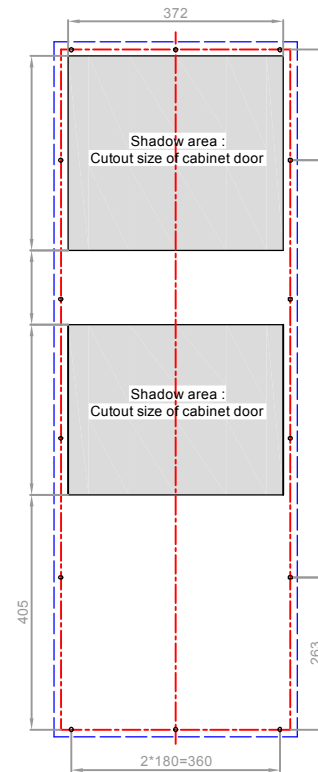


Separating plate to avoid ambient air short cutting

Note:
It is not recommended to add extra cowling

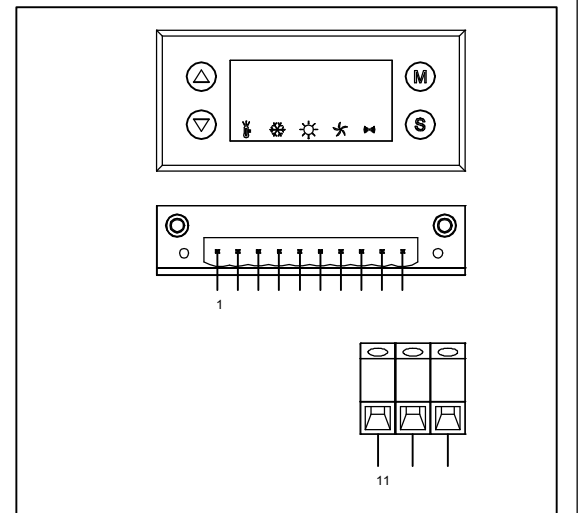
While if customer insist on doing that, please follow below rules:
1. The louvers for ambient air intake and discharge must keep 70% above open area for having sufficient air flow
2. A separating plate must be added to avoid air short cut between intake & exhaust air

Figure 2 - Mounting interface with cabinet door



Blue dashed rectangle : Air conditioner projected dimension on door (1200x420mm)

Figure 3 - Wiring interface with customer circuit



No.	symbol	Definition
1	/	/
2	/	/
3	/	/
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		
10	CONTROL	Control signal input : on / off dry switch type
11	+V	Pole : DC - positive
12	-V	Pole : DC - negative
13	PE	Earth / Grounding

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: 711020	Ver.: A
		Name:	4000W DC Air Con.
		Model:	ACZB-040-000-009
2	2		