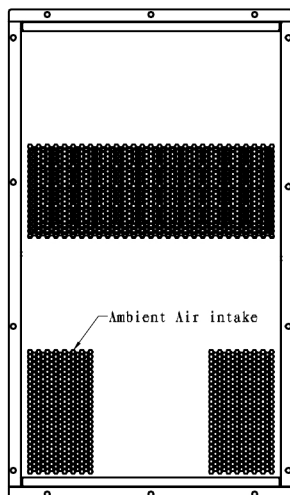
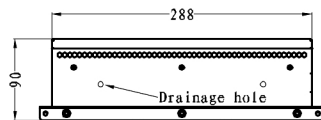


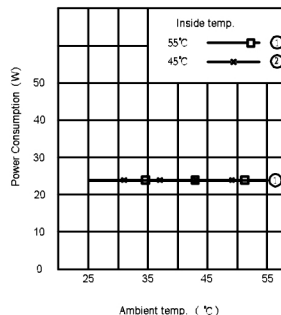
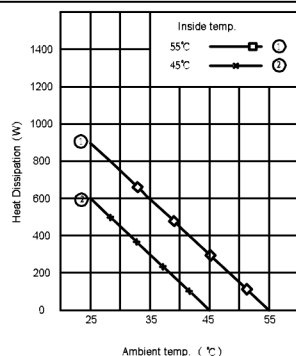
Model Definition:

HCZA-030-000-160

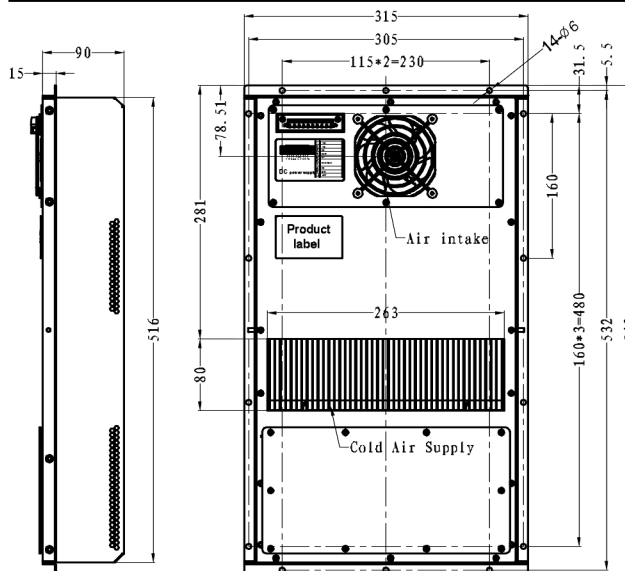
160: Product ID
000: No heater;
030: Heat Exchange capacity 30W / K
A: Air Cooling
Z: DC Power Supply
C: Cabinet Application
H: Heat Exchanger



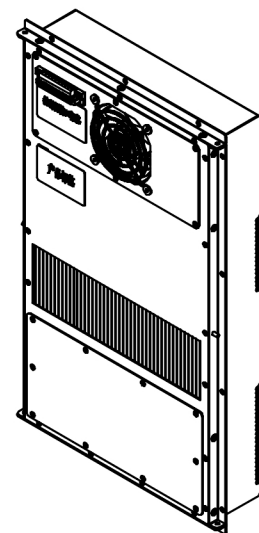
Ambient Side



DC power supply range	-48VDC (-40 ~ -60VDC)
Heat Exchange capacity	30W / K
Rated power Consumption	23W
Rated current	0.5A
Inner circulation air flow rate	227m³/h
Display	/
Heater	/
Heater power supply range	/
Operating temperature range	-15°C ~ +65°C
Max. noise level	62dB(A) @ 1.0m away
IP protection level	IPX5 - between external and internal interface
Net weight	3.5kg
Outer dimension	516x288x90 (mm,HxWxD)
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years



Inner Side



P/N:	51160	Ver.:	A
Name:	30W/K DC HEX		
Model:	HCZA-030-000-160		

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Figure 1 - Installation tips

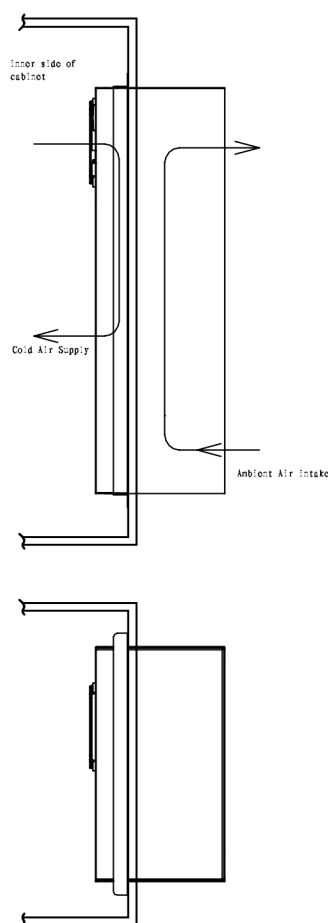
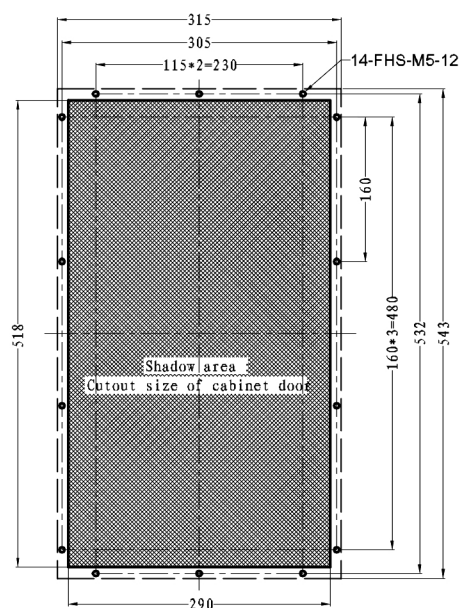
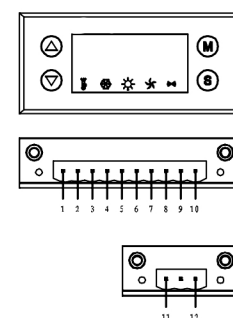


Figure 2 - Mounting interface with cabinet door



Blue dashed rectangle: Air conditioner projected dimension on door (518x290mm)

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	PE	/
9	3TN	Pole: DC - positive
10	-48V	Pole: DC - negative
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

P/N:	51160	Ver.:	A
Name:	30W/K DC HEX		
Model:	HCZA-030-000-160		

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