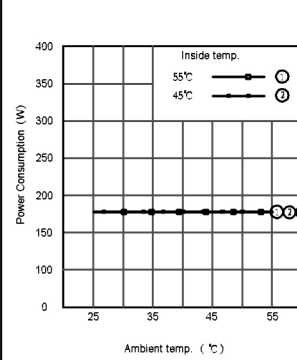
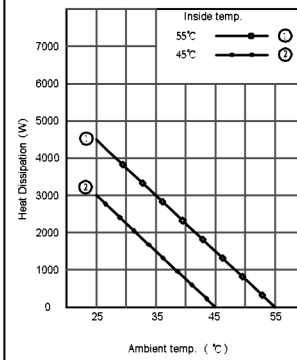


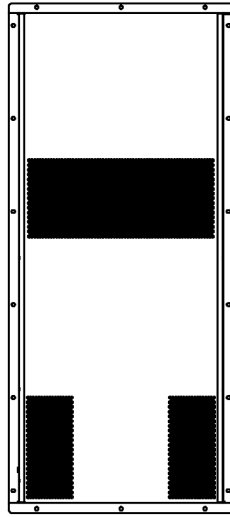
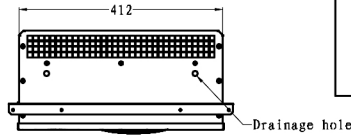
Model Definition:

HCZA-150-000-031

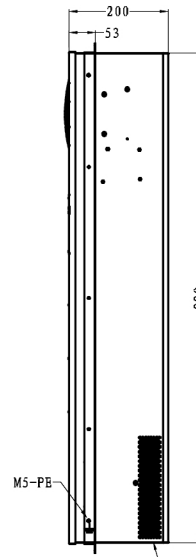
- 031: Product ID
- 000: No heater;
- 150: Heat Exchange capacity 150W / K
- A: Air Cooling
- Z: DC Power Supply
- C: Cabinet Application
- H: Heat Exchanger



DC power supply range	-48VDC (-40 ~ -60VDC)
Heat Exchange capacity	150W / K
Rated power Consumption	164W
Rated current	3.4A
Inner circulation air flow rate	1120m³/h
Display	LED
Heater	/
Heater power supply range	/
Operating temperature range	-15°C ~ +65°C
Max. noise level	65dB(A) @ 1.0m away
IP protection level	IPx5 - between external and internal interface
Net weight	25kg
Outer dimension	990x412x200 (mm,HxWxD)
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years

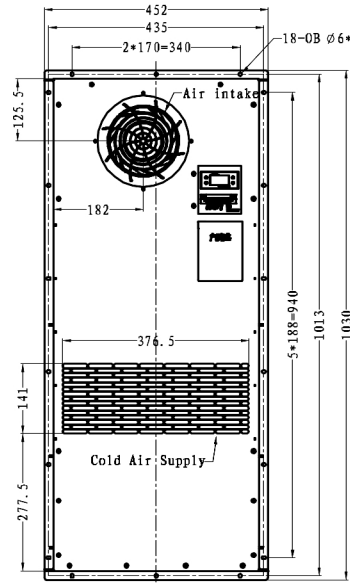


Ambient Side

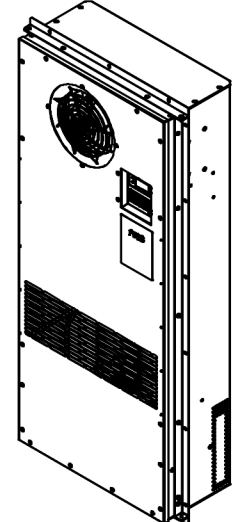


M5-PE

Ambient Air Intake



Inner Side



	P/N:	S11031	Ver. :	A
	Name:	150W/K DC HEX		
	Model:	HCZA-150-000-031		
	共 2 张 第 1 张			

Figure 1 - Installation tips if extra cowling needed by customer

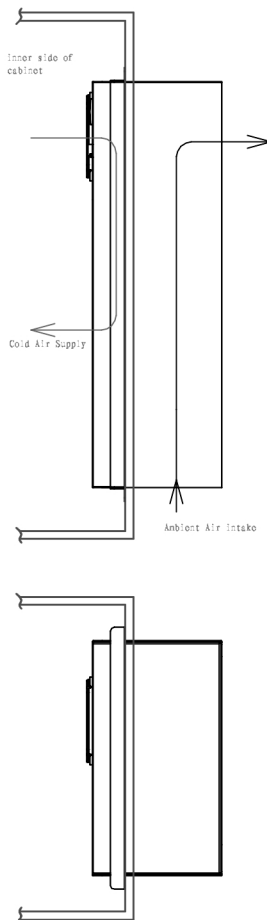
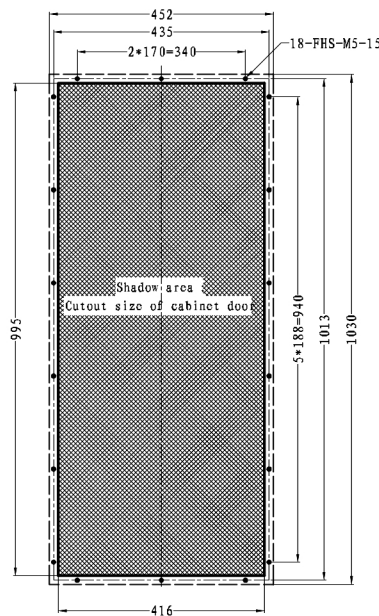
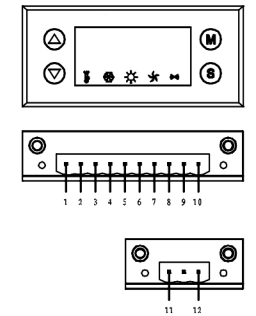


Figure 2 - Mounting interface with cabinet door



Blue dashed rectangle: Air conditioner projected dimension on door (1030x452mm)

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	/	/
9	RTN	Pole: DC - positive
10	-48V	Pole: DC - negative
11	L	Pole: AC - L
12	N	Pole: AC - N (Option per order)

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:	S11031	Ver. :	A
		Name:	150W/K DC HEX		
		Model:	HCZA-150-000-031		
共 2 张 第 2 张					

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