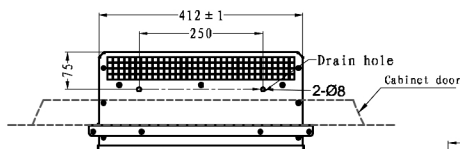


Model Definition:

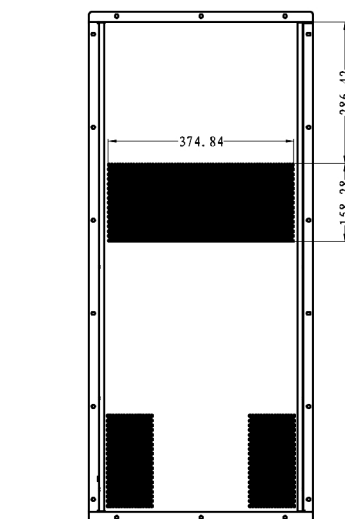
HCZA-100-000-032

032: Product ID
000: No heater;
100: Heat Exchange capacity 100W / K
A: Air Cooling
Z: DC Power Supply
C: Cabinet Application
B: Heat Exchanger

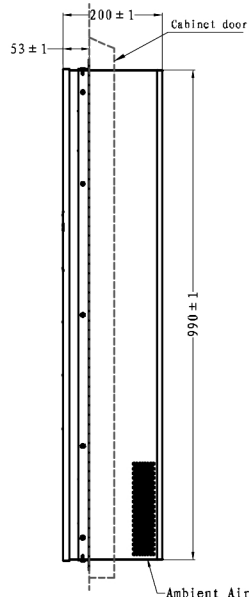
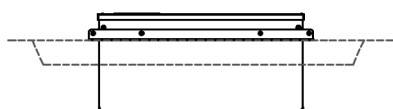
A



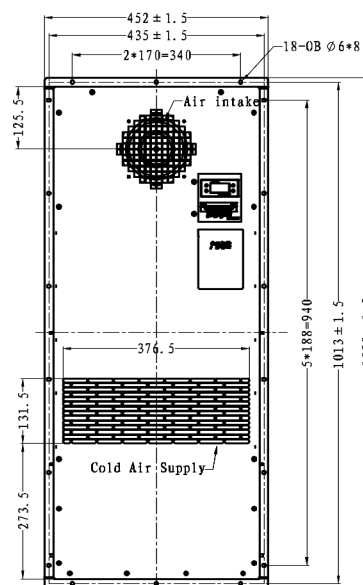
B



Ambient Side

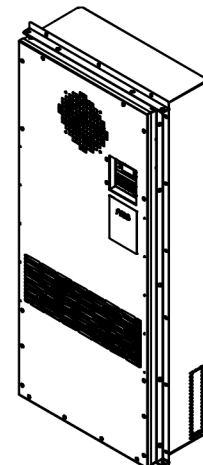


Ambient Air intake



Inner Side

DC power supply range	-48VDC (-40 ~ -60VDC)
Heat Exchange capacity	100W / K
Rated power Consumption	120W
Rated current	3.2A
Inner circulation air flow rate	580m³/h
Display	LED
Heater	/
Heater power supply range	/
Operating temperature range	-15°C ~ +65°C
Max. noise level	60dB(A) @ 1.0m away
IP protection level	IPx5 - between external and internal interface
Net weight	35kg
Outer dimension	990x412x200 (mm,HxWxD)
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035 (Comply with the color board issued by Delta CISBU)
Lifetime	10 years
slat spraying standards	All mechanical parts which exposed to ambient side can meet 720 hours slat spraying standards.

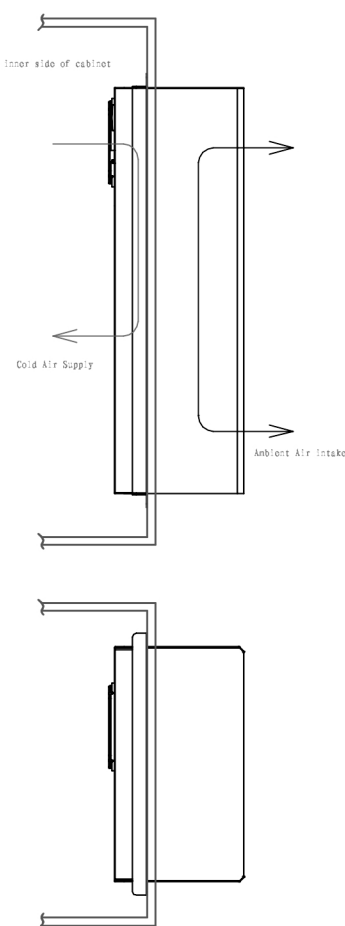


P/N:	S1:032	Ver.:	A
Name:	100W/K DC HEX		
Model:	HCZA-100-000-032		

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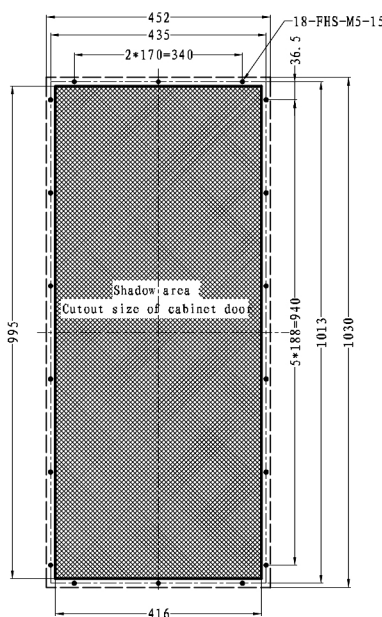
Figure 1 - Installation tips



A

B

Figure 2 - Mounting interface with cabinet door



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

Accessories			
No.	Name	Quantity	Unit
1	3 meter Power Cable	1	Pcs
2	3 meter Alarm Cable	1	Pcs
3	3 meter PE Cable	1	Pcs

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		
7	CONTROL	Control signal input: on / off dry switch type
8	PE	Ground connection
9	37N	Pole: DC - positive
10	-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

P/N:	S1:032	Ver.:	A
Name:	100W/K DC HEX		
Model:	HCZA-100-000-032		

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