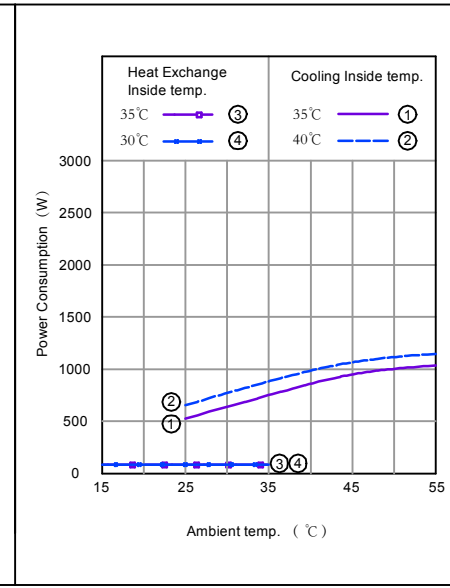
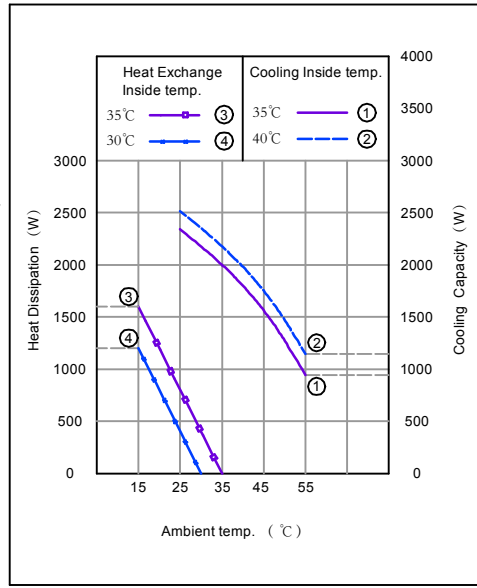
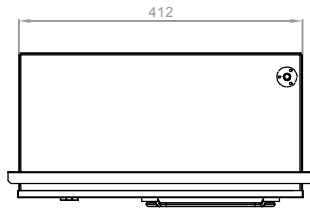
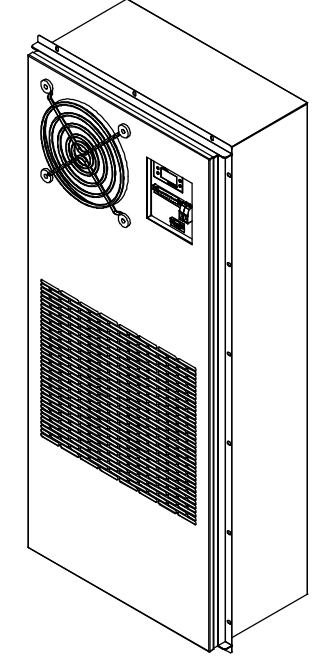
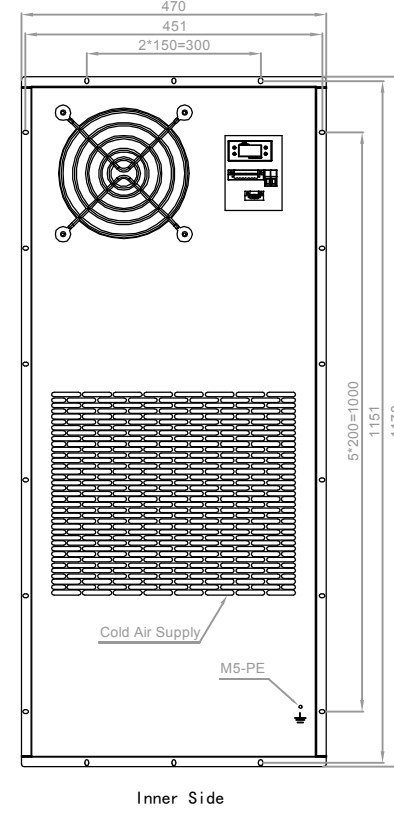
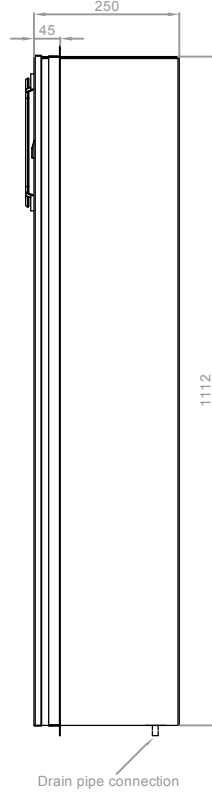
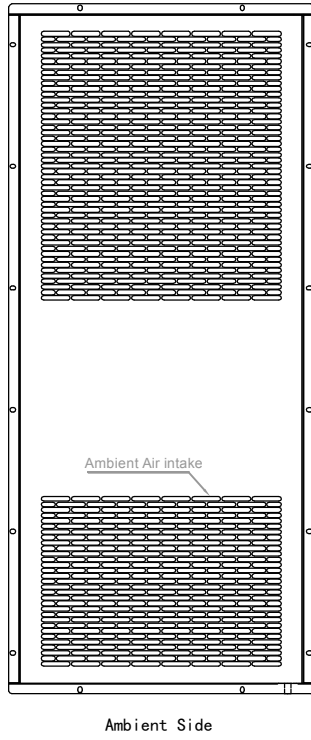


Model Definition:
 CHUB-020-010-020
 CHUB-020-000-020

020: Product ID
 000: No heater; 010: Heater Size 1000W
 020: Cooling Capacity 2000W
 B: Refrigerant = R134a
 U: 230VAC 50HZ & 48VDC Power Supply
 H: Air Con. & HEX
 C: Combined climate unit



DC power supply range	48VDC (40 ~ 60VDC)
AC power supply range	230VAC ±15% / 50Hz
Cooling capacity	2000W @ 35°C / 35°C
Heat Exchange capacity	80W / K
Cooling power Consumption	AC 670W @ 35°C / 35°C DC 80W @ 35°C / 35°C
Heat Exchange power Consumption	DC 80W
Inner circulation air flow rate	500m³/h
Display	LED
Heater	1000W (Option per order)
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	50Kg
Outer dimension	1112x412x250 (mm,HxWxD)
Refrigerant type	R134a
Certification	CE
Surface treatment	Outdoor type powder coating, standard color: RAL7035
Lifetime	10 years



HUNTERHEX Smart Green Climate and Energy Solutions

P/N: 316020 Ver.: A
 Name: 2000W Combined climate unit
 Model: CHUB-020-010-020
 CHUB-020-000-020

Figure 1 - Installation tips if extra cowling needed by customer

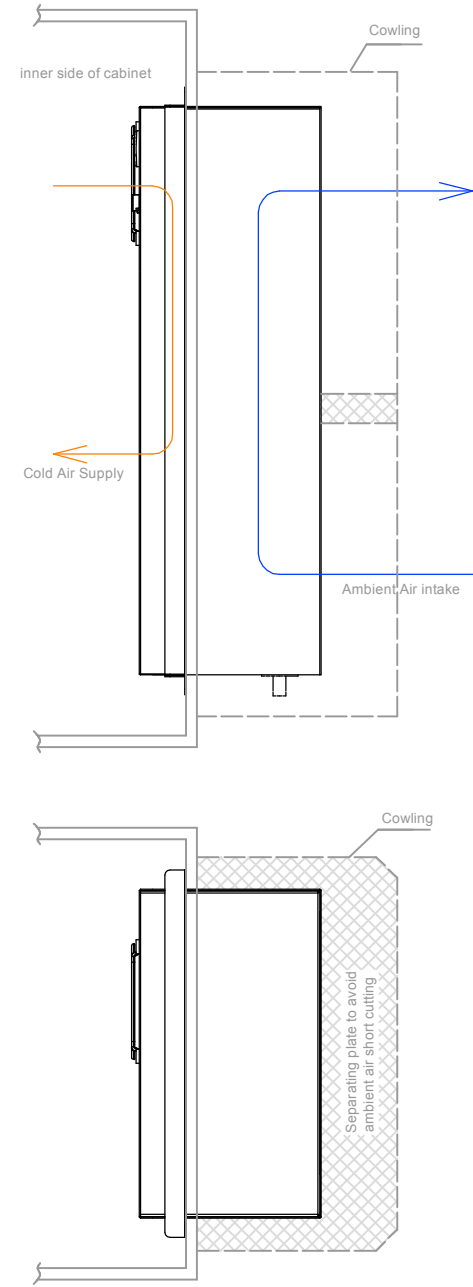


Figure 2 - Mounting interface with cabinet door

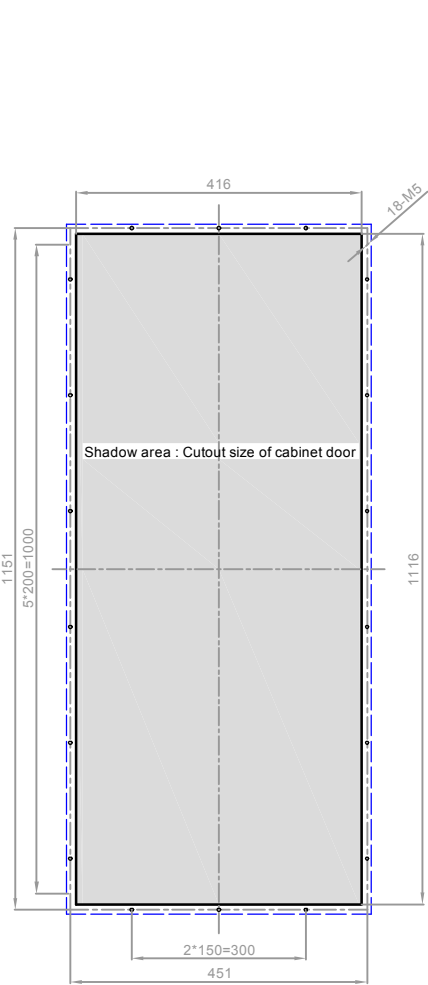
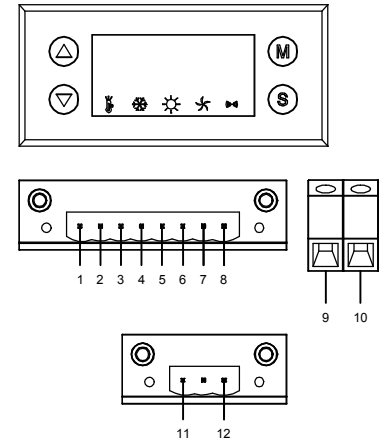


Figure 3 - Wiring interface with customer circuit



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	+V	Pole : DC - positive
10	-V	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

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

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