Outdoor Cabinet Air Conditioner

DC1500

Overview

LongXing Air Conditioner Cooling Solution can be widely used in enclosed area for climate control, such as wireless communication cabinet, battery cabinet,industry control cabinet etc. LongXing air conditioners are designed to cool your electronic and electrical controls, instruments, computer terminals, printers, telecommunications equipment, surveillance devices, cameras, laser and optical equipment and many other electronics in variety of environments. Our electronic cabinet cooling systems are designed for use with a wide range of enclosures and transit cases. Models are available for both indoor and outdoor use in AC and DC power configurations. Coolers feature corrosion-resistant stainless steel construction.
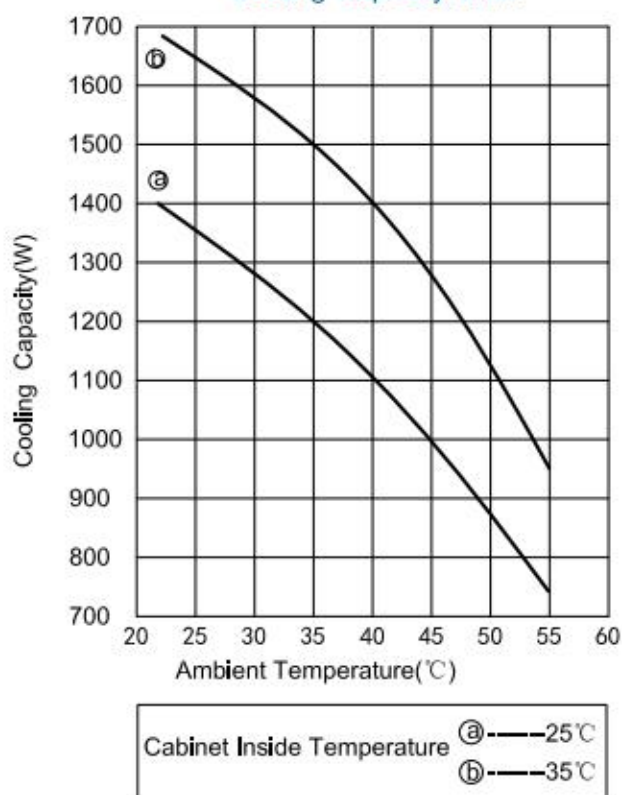
Features

- Designed with all DC driven components like fans, compressor;
- Precise temperature control through inverter digital regulation of compressor, fans;
- Power supply voltage range: DC44~59 V;
- A comprehensive sell-protection design to realize partial load starting, partial load operation at severe ambient condition;
- Low power consumption design with EER≥3.5, SEER≥ 5.5;
- Energy saving reach to 50% comparing with A.C. version product;
- IP55 environment protection & fit for T3 high temperature working condition by using of R134a refrigerant gas;
- The best cooling solution for solar, wind, disel generator etc,hybrid power system;
- Strict process control and international brand parts deployed to ensure high quality and reliable of this product;
- Multiple self protection design;
- LED Display, all the settings can be changed at the field;
- Dry contact alarm output,NO/NC optional;
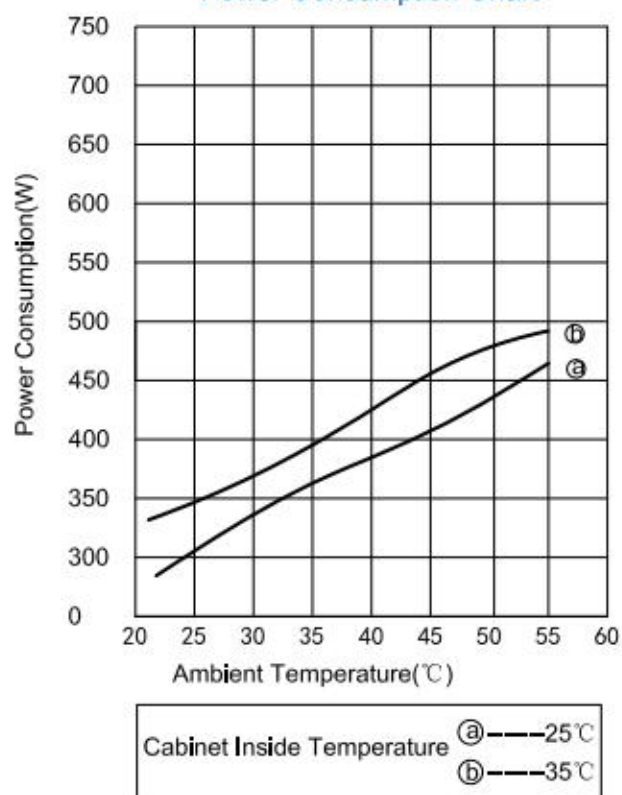- Equipped with communication interface:RS485.

Technical parameters

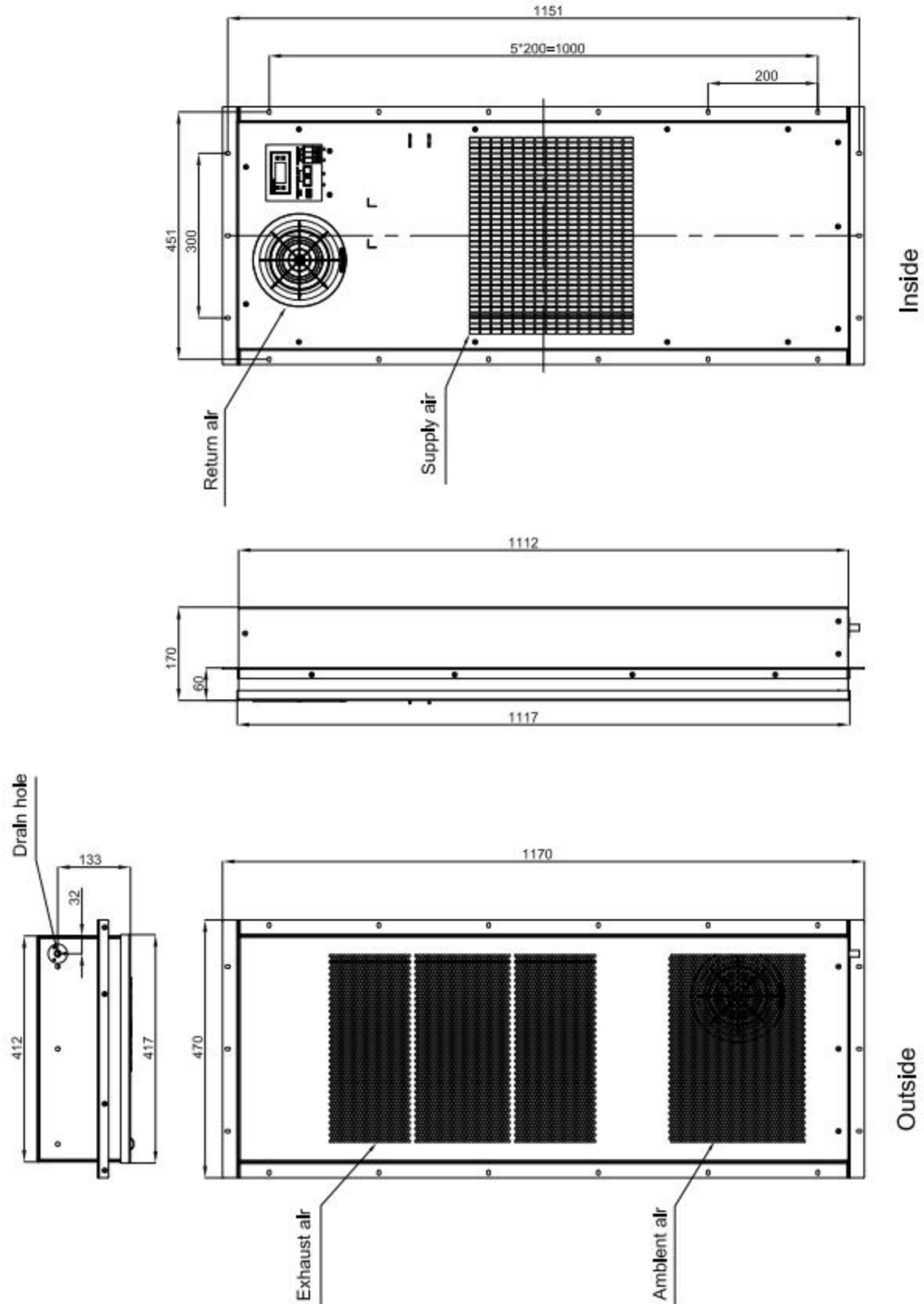| Name	Outdoor Cabinet Air Conditioner
Code	DC1500
Mounting Method	Semi-embedded Mounting
Power Supply	-48VDC
Cooling Capacity	1500W@L35/L35
Power Consumption	395W@L35/L35
Cooling Capacity(Optional)	940W@L35/L55
Power Consumption	490W@L35/L55
Internal Airflow	400m³/h
Working Temperature Range	-40℃~+55℃
Max Noise Level	65dB(A)
IP Grade	IP55
Net Weight	45kg
Refrigerant	R134a
Dimensions(H*W*D)	1116mm*416mm*170mm
CE&RoHS Compliant	Yes
Surface Treatment	Outdoor type power coating, Standard color: RAL7035

Cooling Capacity Chart

Power Consumption Chart

Technical Drawings

Inside

Return air

Supply air

1151
5*200=1000
200
451
300

1112
170
60
1117

Drain hole
133
32
412
417

1170
470

Outside

Exhaust air

Ambient air

Installation Instructions

Figure 1-Cabinet Door Cutting Dimension
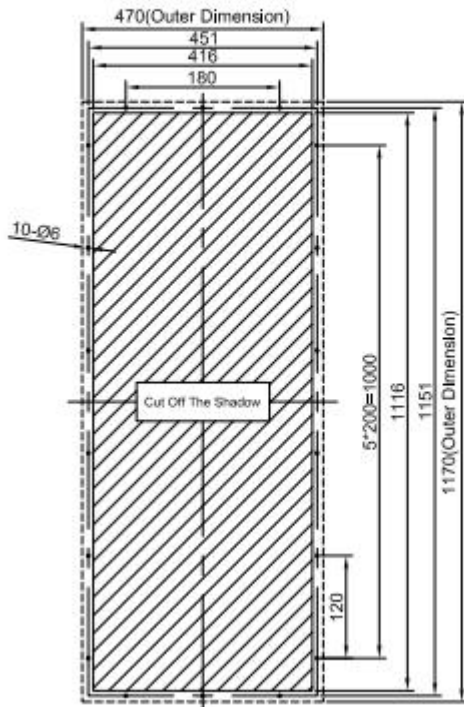
Figure 2-Air open design of cowling

470(Outer Dimension)
451
416
180
10-Ø6
Cut Off The Shadow
5*200=1000
1116
1151
1170(Outer Dimension)
120

Exhaust air outlet open
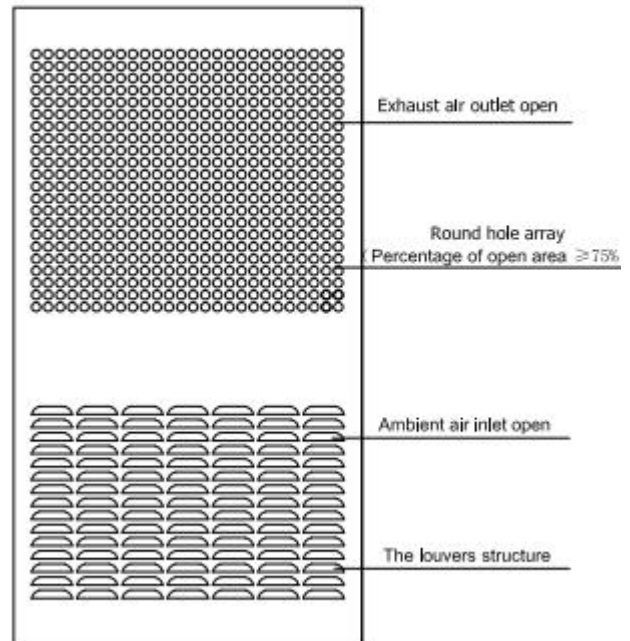
Round hole array
Percentage of open area ≥75%

Ambient air inlet open

The louvers structure

Figure 3-Installation Instruction