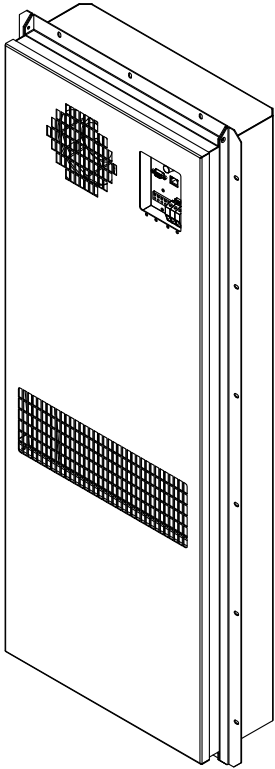


户外机柜直流空调器-N系列

Outdoor Cabinet DC Air Conditioner-N Series

产品简介



应用范围

- 本产品广泛应用于户外通讯机柜、电池柜、电气柜、工业控制柜等需要散热的场合。

设计专长

- 全部配置直流器件，真正的全直流空调；
- 矢量变频，精确控温；
- 宽电压设计：DC44~59V，适合范围更广；
- 完善的运行逻辑，避免了对供电系统的冲击；
- 完美的低能耗设计，能效比（EER） ≥ 3.5 ，季节能效比（SEER） ≥ 5.5 ；
- 相比同类交流型号产品节能率高达50%；
- IP55防护等级、适合T3高温工况、R134a环保制冷剂；
- 太阳能、风能、油机等新能源混合供电系统中完美的冷却散热解决方案；
- 精湛工艺及高质量国际名牌配件确保产品更加稳定可靠；
- 多重保护功能；
- LED数码管显示，现场参数可设置；
- 干接点告警输出，常开/常闭可选；
- 配置有通讯接口:RS485。

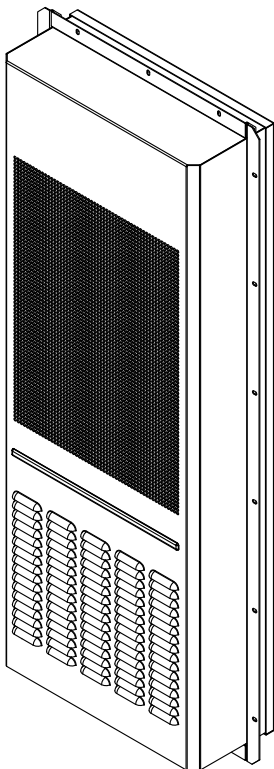
Product Introduction

Range of application

- This series product can be widely used in enclosed area for climate control, such as wireless communication cabinet, battery cabinet, industry control cabinet etc;

Product Design Feature

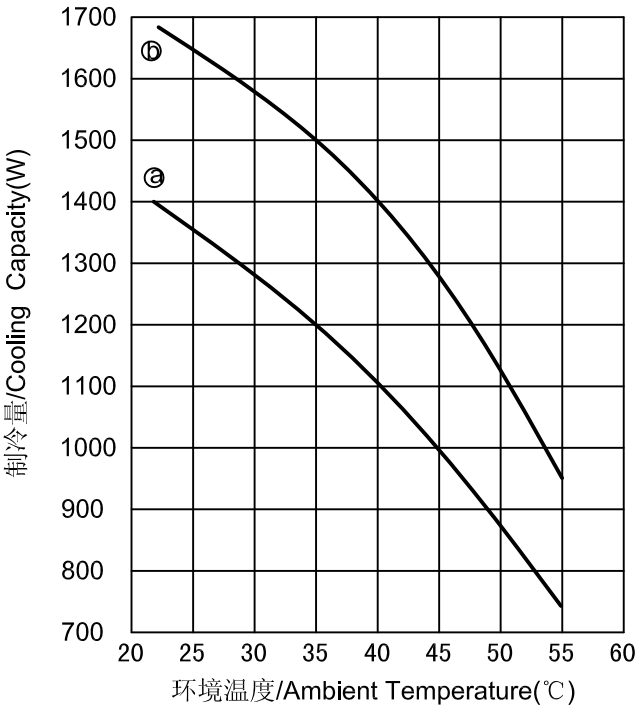
- Designed with all DC driven components like fans, compressor;
- Precise temperature control through inverter digital regulation of compressor, fans;
- Power supply voltage range: DC44~59 V;
- A comprehensive self-protection design to realize partial load starting, partial load operation at severe ambient condition;
- Low power consumption design with $EER \geq 3.5$, $SEER \geq 5.5$;
- 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, diesel 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.



技术参数 / Technical Parameters

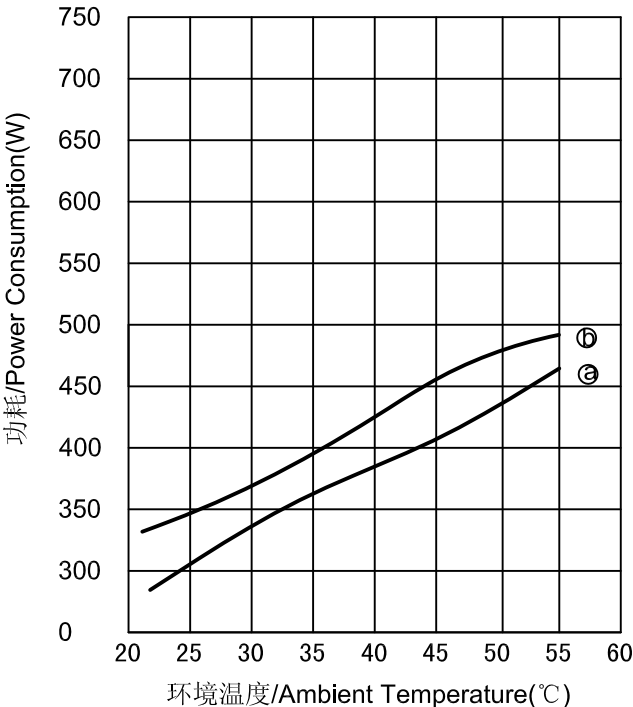
产品名称	Name	户外机柜空调器/Outdoor Cabinet Air Conditioner
型号	Model	JGLC A 015/N/E/D
固定方式	Mounting Method	半嵌入/Semi-embedded Mounting
电源	Power Supply	-48VDC
制冷量	Cooling Capacity	1500W@L35/L35
功耗	Power Consumption	395W@L35/L35
制冷量	Cooling Capacity	940W@L35/L55
功耗	Power Consumption	490W@L35/L55
内循环风量	Internal Airflow	400m³/h
工作温度范围	Working Temperature Range	-40℃~+55℃
最大噪音	Max Noise Level	65dB(A)
IP等级	IP Grade	IP55
净重	Net Weight	45kg
制冷剂	Refrigerant	R134a
外形尺寸	Dimensions	1116x416x170(mm,HxWxD)
CE和环保	CE&RoHS Compliant	符合/YES
表面处理	Surface Treatment	Outdoor type powder coating,standard color: RAL7035

冷量曲线/Cooling Capacity Chart



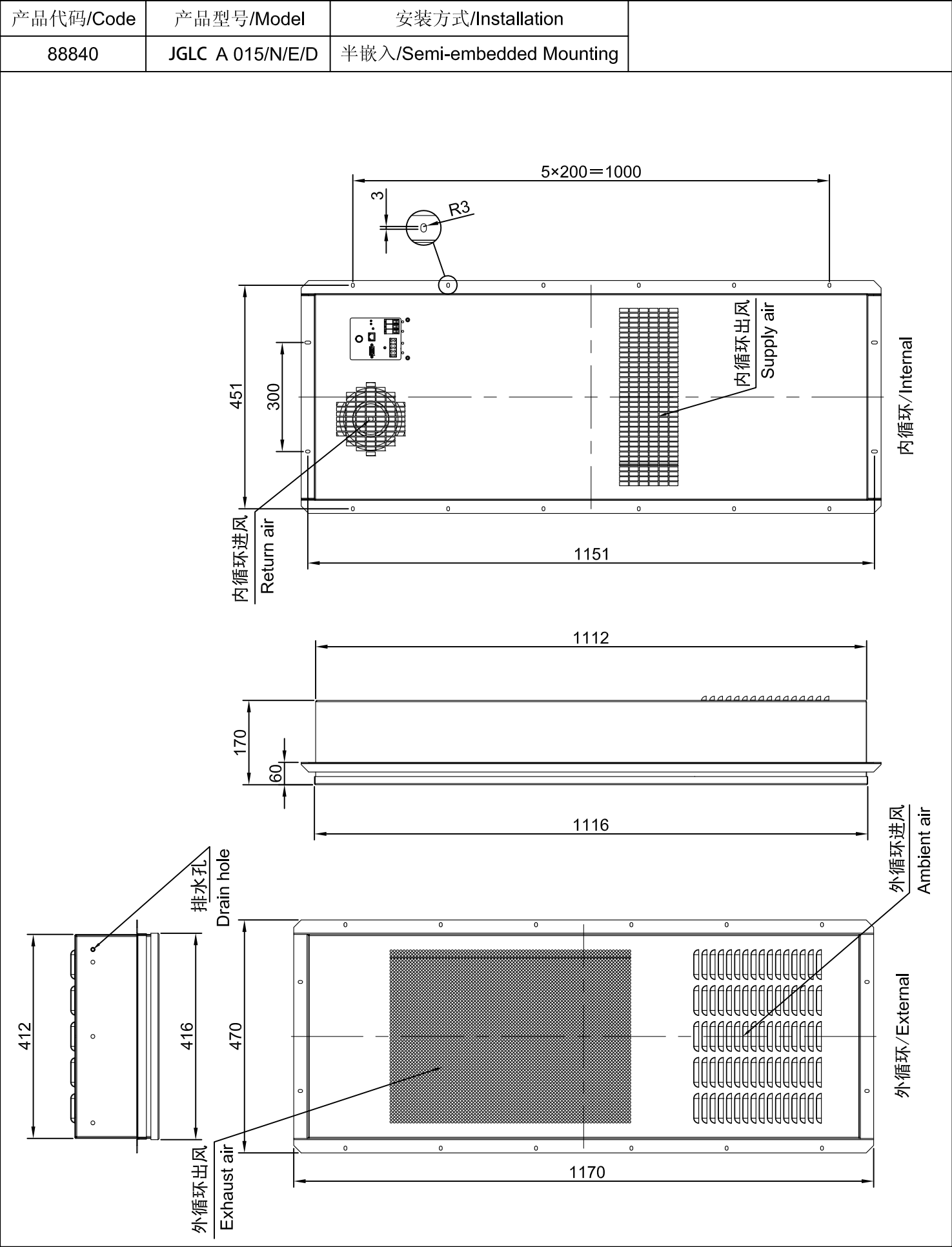
柜内温度 ③-----25℃
Cabinet Inside Temperature ④-----35℃

功耗曲线/Power Consumption Chart



柜内温度 ③-----25℃
Cabinet Inside Temperature ④-----35℃

外形尺寸 / Product Dimension



产品代码/Code	产品型号/Model	安装方式/Installation	
88840	JGLC A 015/N/E/D	半嵌入/ Semi-embedded Mounting	

图1-柜门开孔尺寸
 Figure 1-Cabinet Door Cutting Dimension

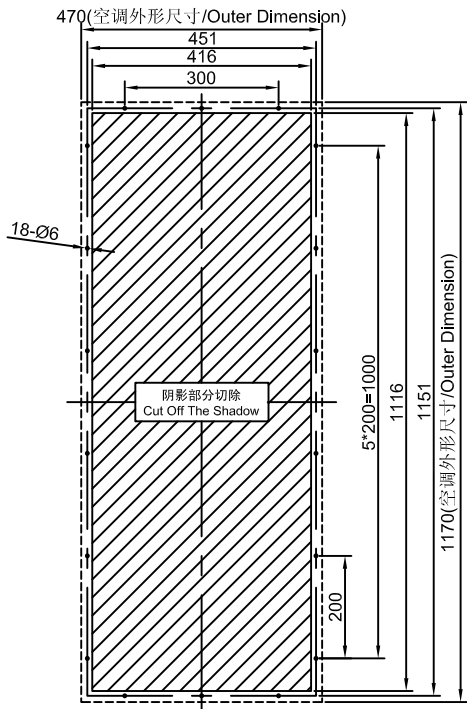


图2-防护罩建议结构
 Figure 2-Air open design of cowling

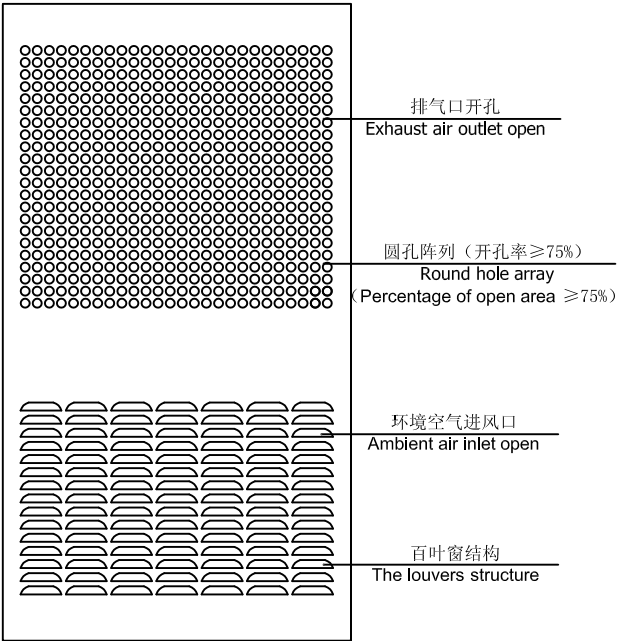
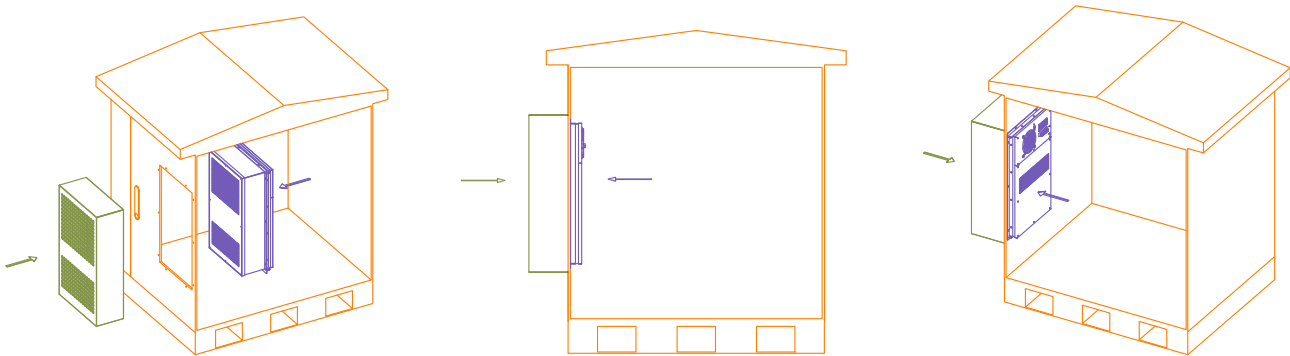
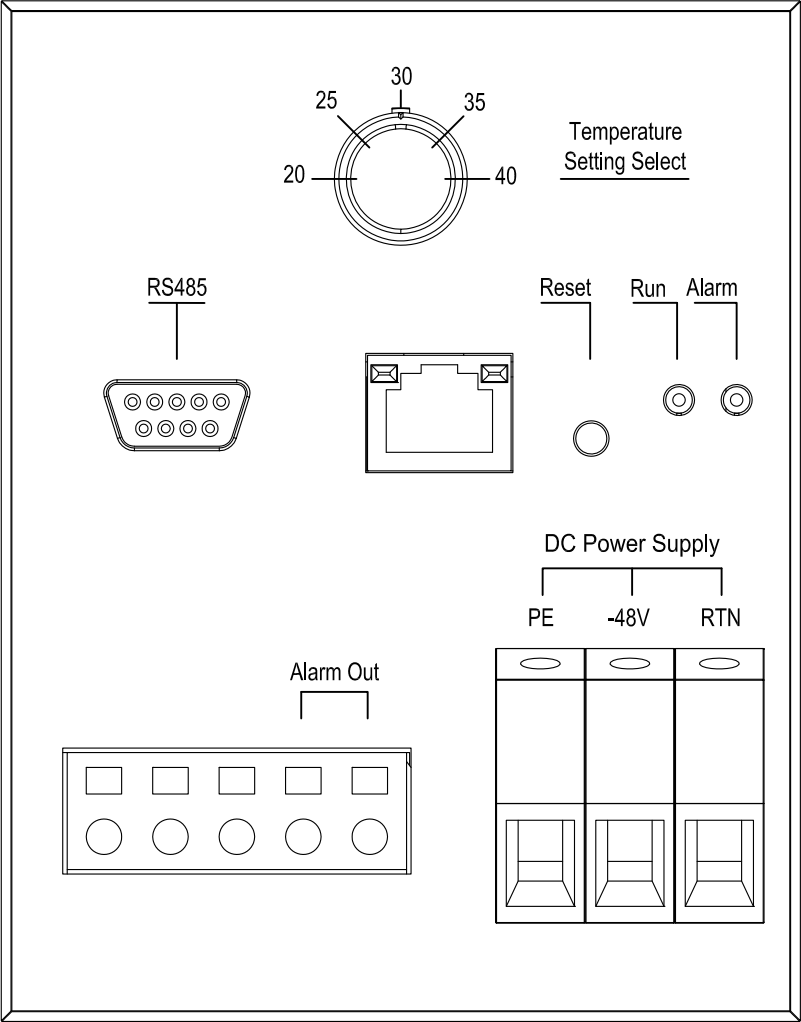


图3-安装示意图
 Figure 3-Installation Instruction



- 注意：
- 本系列空调不需要安装防护罩, 如果客户确实想安装防护罩, 请遵循以下规则：
1. 防护罩由客户自备, 防护罩的设计请参考图2；
 2. 防护罩进风口和出风口开孔面积应足够大, 以确保足够的循环风量, 这对于延长空调的使用寿命和减少维护频率非常的重要；
 3. 防护罩的进出风口应该防止气流短路, 以便空调可以获得最佳的冷却效果。

- Attention:
- This series air conditioner does not need a cowling, if customer does want to put a cowling outside unit, please follow below rules:
- 1.The cowling can be made by customer self, the design of cowling please refer to figure 2
 2. The inlet and outlet open for ambient air in and exhaust air out should be big enough to ensure enough air volume circulation. This is very important to have the air conditioner running with long lifetime and less service.
 3. When you make a cowling design/installation, make sure the inlet air and outlet air not been short cut, this is also critical to keep unit have best cooling performance.



序号 / Number	符号 / Symble	定义 / Definition
1	RTN	直流电源正极 Positive pole of DC power
2	-48V	直流电源负极 Negative pole of DC power
3	PE	直流电源地线 Ground wire of DC power
4	Alarm Out	干接点告警输出端口 Port of dry contract alarm output
5	RS485	RS485通讯口 RS485 communication