

户外机柜交流空调器-L系列

Outdoor Cabinet AC Air Conditioner-L Series

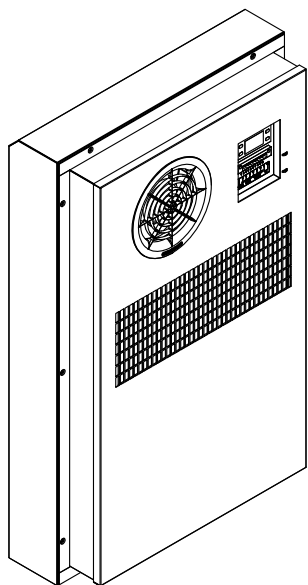
产品简介

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

- 实现遥测、遥信、遥调，可实现多重自动保护和全面的故障自诊断功能；
- 精湛工艺及高质量国际名牌配件确保产品更加稳定可靠；
- 适合T3高温工况、R134a环保制冷剂；
- 多重保护功能、可视化人机界面、RS485接口 (MODBUS-RTU) ；
- LED数码管显示，现场参数可设置；
- 加热功能、排氢功能可选；
- 干接点告警输出，常开/常闭可选；
- 安全防盗，无需增加防护罩。



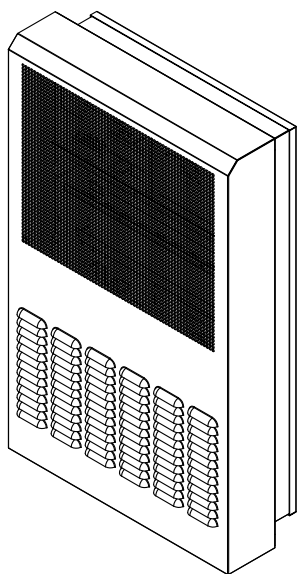
Product Introduction

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

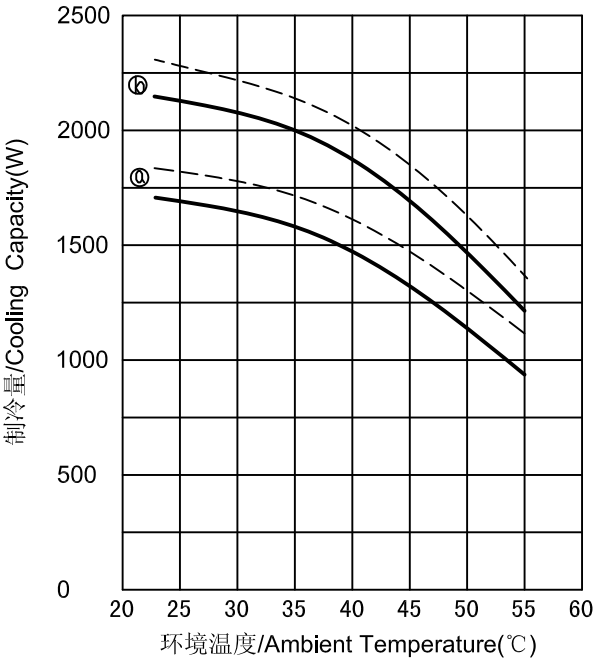
- Remote measuring, remote communication, remote control, which can realize multiple automatic protection and comprehensive self-testing function;
- Strict process control and famous brand components to ensure high quality and reliability of this product;
- Fit for harsh condition (T3), R134a refrigerant ;
- Multiple self-protection design & visible monitoring interface, RS485 communication port (MODBUS-RTU protocol);
- LED display, all the settings can changed at the field;
- The heating function and the hydrogen function is optional;
- Dry contact alarm output, NO/NC optional;
- Anti-theft design, without the cowling.



技术参数 / Technical Parameters

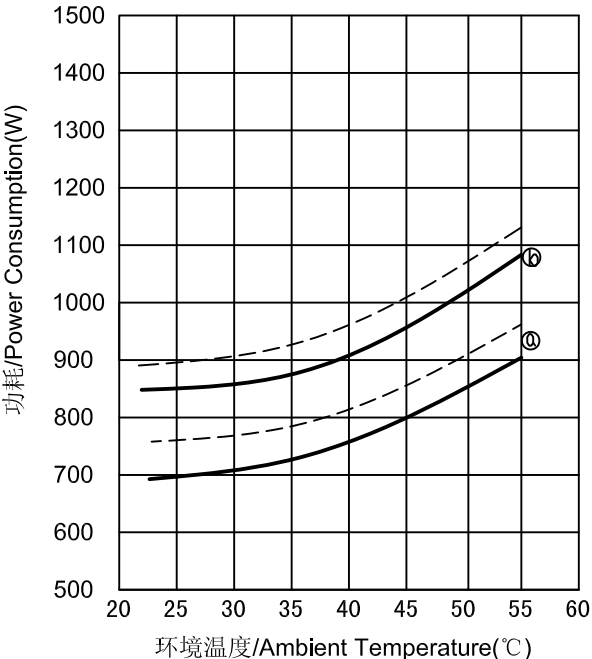
产品名称	Name	户外机柜空调器/Outdoor Cabinet Air Conditioner
型号	Model	JGLC A 020/L/E/A
固定方式	Mounting Method	半嵌入/Semi-embedded Mounting
电源	Power Supply	230VAC±15% 50Hz/60Hz
制冷量	Cooling Capacity	2000W@L35/L35
功耗	Power Consumption	870W@L35/L35
制冷量	Cooling Capacity	1200W@L35/L55
功耗	Power Consumption	1090W@L35/L55
内循环风量	Internal Airflow	440 m³/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	40kg
制冷剂	Refrigerant	R134a
外形尺寸	Dimensions	790x490x175(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
加热器	Heater	可选择(800W) / Optional(800W)
排氢功能	Hydrogen Function	可选择/ Optional

冷量曲线/Cooling Capacity Chart



柜内温度 ①----25℃ ——— 50Hz
Cabinet Inside Temperature ②----35℃ - - - 60Hz

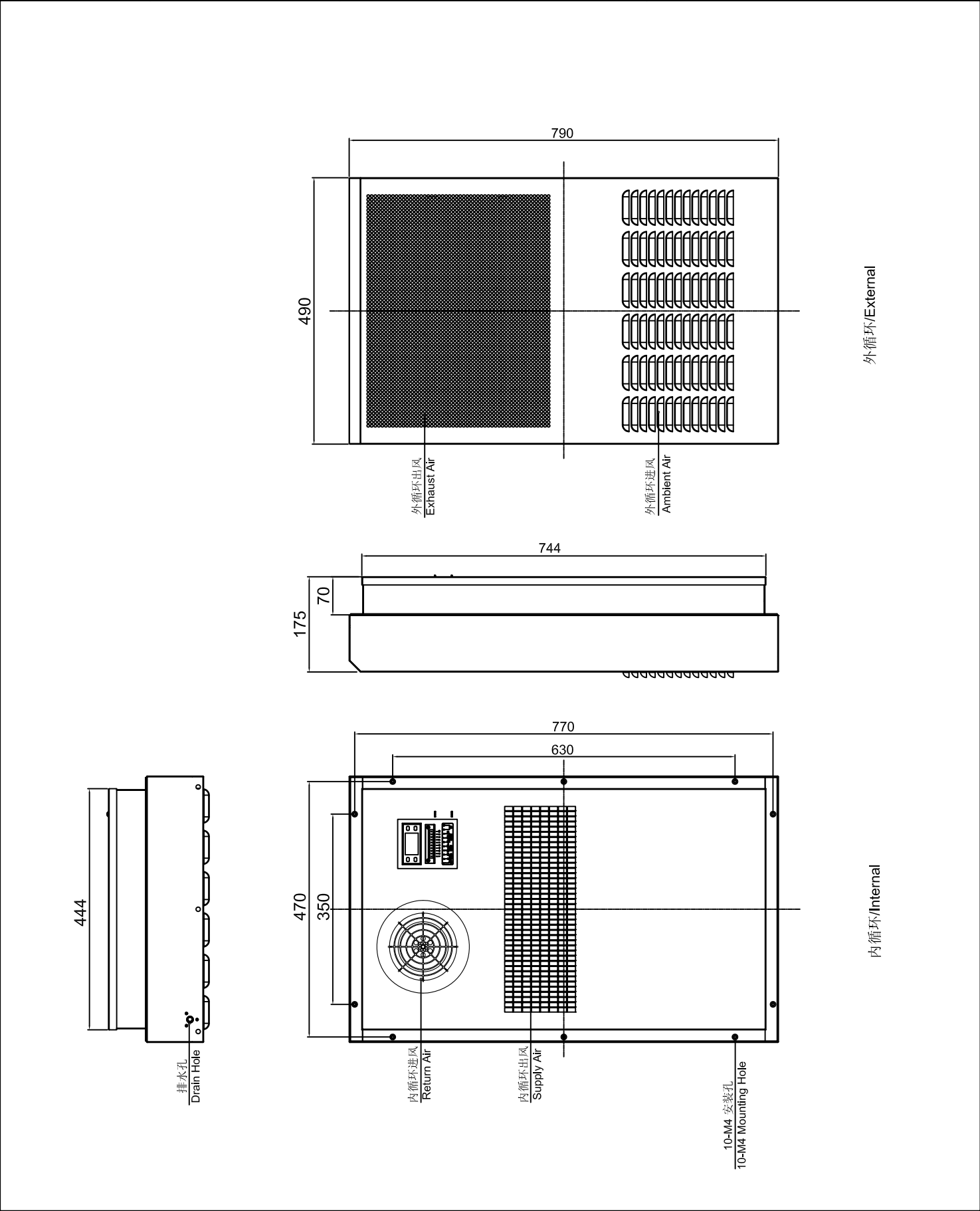
功耗曲线/Power Consumption Chart



柜内温度 ①----25℃ ——— 50Hz
Cabinet Inside Temperature ②----35℃ - - - 60Hz

外形尺寸 / Product Dimension

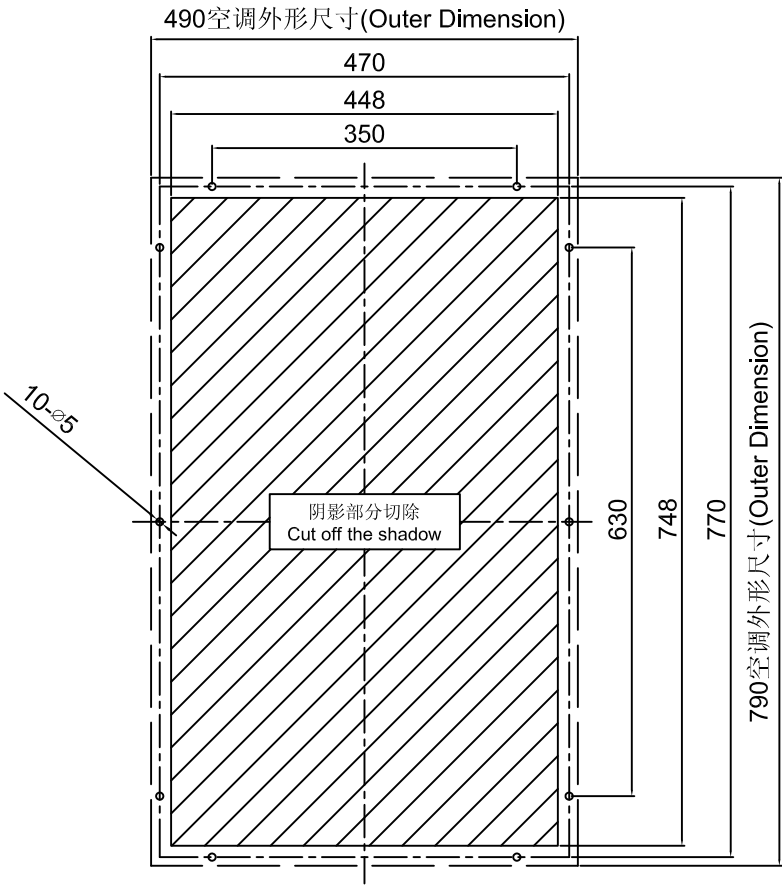
产品代码/Code	产品型号/Model	安装方式/Installation	
88320	JGLC A 020/L/E/A	半嵌入/Semi-embedded Mounting	



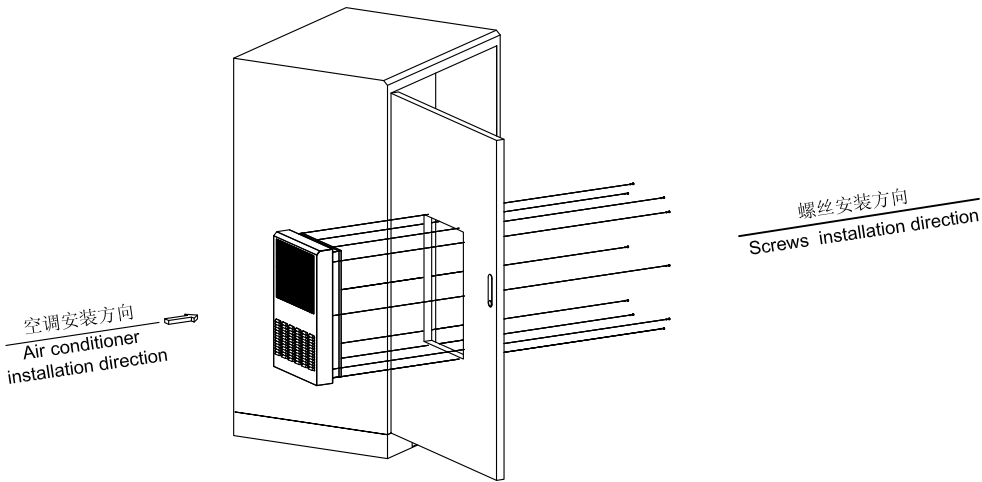
安装尺寸 / Installation Dimension

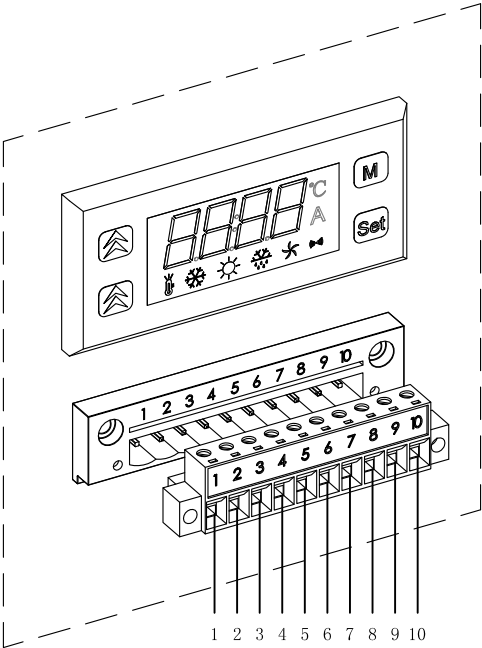
产品代码/Code	产品型号/Model	安装方式/Installation	
88320	JGLC A 020/L/E/A	半嵌入/Semi-embedded Mounting	

柜门开孔尺寸/Cabinet Door Cutting Dimension



安装图示/Installation Diagram





1	2	3	4	5	6	7	8	9	10
L	N	PE	T/R+	T/R-	NO	COM	NC		
AC POWER			RS485		ALARM			I/O	

手操器使用说明:

在正常情况下,手操器显示柜内温度。告警时显示告警代码;

手操器底部为状态栏,不同的指示灯代表不同状态:

- : 闪烁表示空调处于自检状态或温度设置状态;
- : 闪烁表示空调即将进行制冷;常亮表示空调正在进行制冷;
- : 常亮表示空调正在进行制热;
- : 常亮表示外风机正在运行;
- : 闪烁表示有告警发生;

Instructions of display panel:

The display panel shows cabinet temperature under normal circumstance. and shows alarm code when there is a malfunction.

In the bottom is the status bar, different lamp represents different status.

- : Flashing when self diagnosis or temperature setting mode.
- : Lamp on when cooling;
- : lamp on when heating;
- : Lamp on when external fan is running;
- : Flashing when alarm.

序号 / Number	符号 / Symble	定义 / Definition	描述 / Description
1	L	交流电源火线 Live line of AC power	/
2	N	交流电源零线 Neutral line of AC power	/
3	PE	交流电源地线 Ground wire of AC power	/
4	TR/+	RS485通讯正极 Positive pole of 485 communication	/
5	TR/-	RS485通讯负极 Negative pole of 485 communication	/
6	NO	干接点告警常开端口 Normal open port of dry contract alarm output	干接点告警: 6、7端口:干接点告警常开状态; 7、8端口:干接点告警常闭状态。 Dry contact alarm: Pin 6&7: Normal open Pin 7&8 :Normal closed
7	COM	干接点告警公共端口 Common port of dry contract alarm output	
8	NC	干接点告警常闭端口 Normal closed port of dry contract alarm output	
9	I/O	排氢或外部控制输入端口 Hydrogen discharging port or external signal input port	排氢接口或外部控制输入, 两个功能只能选其一: 做为排氢接口:接排氢风机(交流或直流风机) 排氢风机的电流应小于1A; 做为外部控制输入接口:接受外部控制信号来控制空调。 Hydrogen discharging or external signal input port both can only choose one: As hydrogen port: Can connect external hydrogen exhaust fan(AC&DC). Current of hydrogen exhaust fan should be less than 1 A As external singal input port: Accept external control signal to control the air conditioner.
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