

温控系列 Temperature control series

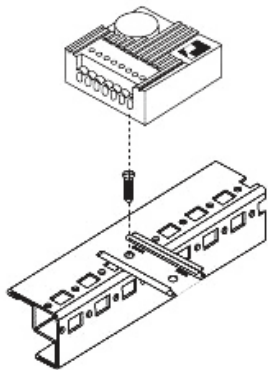


温度控制器

Temperature controller

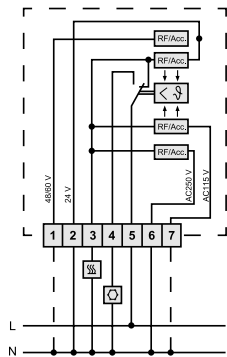


通过CE质量安全认证
CE quality safety certificatio



安装图示
Installation graph instruction

48V 60V N	24V N	☄	☄	(L2*) L	(L2*) 250V N	115V N
1	2	3	4	5	6	7



控制柜内部温度控制器

Control cabinet inside dual temperature controller

特别适用于控制过滤器风扇、加热器和热交换器，作为信号发生器
这一温度调节器也适用于监视控制柜内部温度。

Is used to control a filter fan, heater and heat exchanger. As a signal generator, this temperature control is also used to monitor temperature in a control cabinet.

技术说明

Technical description

- 双金属传感器作为热反馈的热敏装置。
The dual-metal sensor is used as a heat-sensitive device for heat feedback.
- 触点设置：单极转换触点(变换触点)作为瞬时开关元件。
Contact setting: The single-pole switchover contact (changeover contact) is used as an instantaneous switch element.
- 允许的触点负荷 / Allowable contact load :
K1.5-3(加热) / K1.5-3 (heating)
交流10(4)^{1>} A / AC 10(4)^{1>} A
直流 = 30w / DC = 30w
K1.5-4(冷却) / K1.5-4(Cooling)
交流5(4)^{1>} A / AC 5(4)^{1>} A
直流 = 30w / DC = 30w
(^{1>})=感性负荷在cosφ=0.6时 / (^{1>}) = inductance load at cosφ=0.6
- 调节范围+5℃到+60℃ / Adjustment range: +5℃ to +60℃
- 重量大约105g / Weight: about 105g
- 尺寸71*71*33.5mm / Dimensions: 71*71*33.5mm
- 开关差约为1k±0.8k / Switch difference: about 1k±0.8k
- 节省时间的链接技术，也就是说仅一个型号就可适用于24到230v。
Time saving link technology, that is, only one model can be applicable to 24 ~230V
- 安装灵活，可安装在垂直或水平的35mm支撑导轨，根据EN50 022以及应附带的适配器扣在NS/35-ES机柜的型材上。
Flexible installation. The temperature controller can be installed on a 35mm vertical or horizontal guide rail and be fastened on the NS/35-ES cabinet section according to EN50 022 and the accessory adaptor.

订货号/ Order No.

KUZM-1

工作电流(A)额定/最大 / Operating current (A) rating/maximum

230/115/60/48/24v(AC)
60/48/24v(DC)

双温控制器

Dual temperature controller



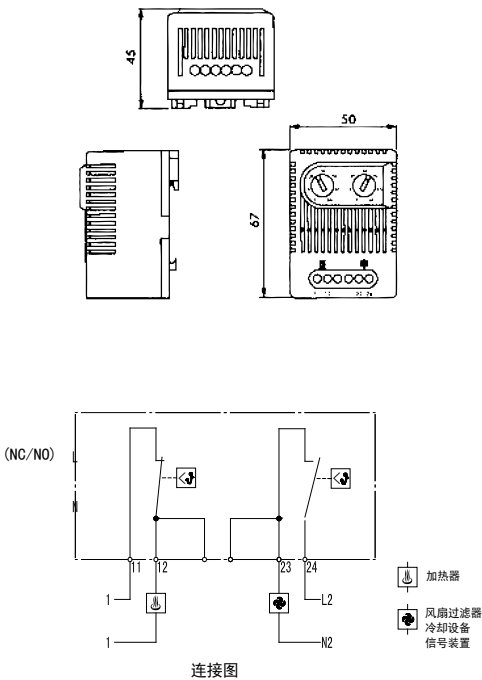
控制柜内部双温控制器

Inside the control cabinet dual temperature controller

- 温度设定范围广 • NO和NC整合在一起 • 便于安装 • 高切换性能
 - 独立设定温度
- 一个温控器含两个温度设定。
- 常开触点: 常用于监控过滤风扇, 热交换器或当温度超过设定数值时闭合电路输出信号。
- 常闭触点: 常用于连接加热器, 当温度达到设定数值时断开线路。加热器和制冷设备可分别独立切换, 避免传统切换引起的温度偏差。
- wide temperature setting range • combined with NO and NC • Easy to install
 - High switching performance • A thermostat contains two temperature setting.
- Normally open contact: commonly using at the monitor filtering fan, heat exchanger, or output signal from value closed circuit when the temperature is over setting.
- Normally closed contact: commonly using at connecting the heater, disconnecting line when the temperature reaches setting. Heater and refrigeration equipment respectively independent switch, avoid the temperature variation caused by traditional switch.

安装图示

Installation graph instruction



温控范围 Temperature range	No/Nc:0-60℃
切换温度公差 Switching temperature tolerance	7K(+4K公差) 7K (+ 4K tolerance)
感应元件 Sensing element	双金属感温材料 Bimetallic temperature sensitive materials
接触形式 Contact form	突跳式接触头 A sudden jump type contact
接触电阻 Contact resistance	< 10mΩ
使用寿命 Life	> 100,000周期 > 100,000 cycles
最大切换容量 Maximum switching capacity	250VAC,10(2)A 120VAC,15(2)A DC 30W
电气连接 Electrical connection	4极接线柱, 最大夹紧扭矩0.5Nm 钢性线2.5mm ² ,多股胶合线 (有线箍) 1.5mm ² 4-pole terminal, clamping torque 0.5Nm largest steel wire 2.5mm ² , multi-strand twisted wires (wire hoop) 1.5mm ²
安装 Installation	35mm DIN导轨安装 35mm DIN rail mounting
外壳 Shell	UL94 V-O塑料, 浅灰 UL94 V-O plastic, light gray
尺寸 Size	67x50x46mm
重量 Weight	90g
固定位置 Fixed position	随意 Random
操作/储存温度 Operating / storage temperature	-20℃至+80℃
保护等级 Degree of protection	IP20

订货号 order No.	设定范围 Setting range	设定范围 Setting range
KUZM-12	连接断开器 (常闭) 0℃至+60℃	连接断开器 (常开) 0℃至+60℃

湿度控制器

Humidity controller



控制柜内部湿度控制器

Internal humidity controller of control cabinet

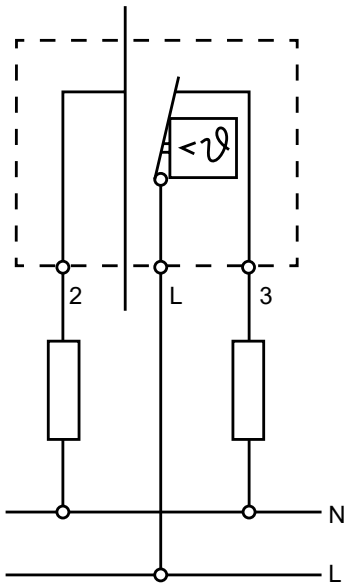
机电式的湿度控制器用于在相对湿度超过65%时，通过控制加热器提高柜内环境温度，从而避免潮湿和腐蚀的发生。

The electromechanical type of humidity controller is used for enhancement of ambient temperature via control of heater when relative humidity exceeds 65% so as to avoid the occurrence of dampness and corrosion.

安装图示

Installation graph

instruction



订货号/ Order No.	KUZM-2
温控范围 Temperature control range	35-90℃
切换公差 Switching tolerance	4%RH（正负3%） 4% RH（±3%）
允许空气速率 Permissible air rate	15米/秒 15 m/s
最大切换容量 Maximum switching over capacity	250VAC 5（0.2）A/DC 20W
电气连接 Electrical connection	3-pole 2.5mm， 0.8Nm
安装 Installation	35mm DIN 导轨安装 Installed with 35mm DIN guide rail
接线端子 Connecting terminal	UL 94 V0
尺寸 Dimension	67*50*38mm
操作/储存范围 Operation / store range	-20℃至+80℃ -20℃ to + 80℃

KZ98 系列机柜风扇及过滤器

KZ98 series cabinet fan and filter



功能 Function

大功率的轴流风扇可选择“吹”或“抽”的方式安装，通风叶栅的防御功能技能防止机械性的损伤，又能防止潮湿的进入，加上密封柜防护类别按EN60 529/10.91可达到IP54级。

一个防喷水的罩可使防护类别达到IP54级，用叶栅上的槽型握手可简易的更换过滤垫。

High-power axial flow fan can be installed by the “blowing” or “sucking” method. The protection function of the ventilation blade grid prevents mechanical damage and moisture entry. In addition, the sealing cabinet protection grade can reach IP54 according to EN60 529/10.91.

A hood resistant to water jetting allows the protection grade to reach IP54. The filter pad can be easily replaced through the groove type device on the blade grid.

风扇过滤器带PU发泡密封条可达到IP54防护等级



设计 Design

过滤风扇与众不同、美观、功能好、安全，通过它的独特的设计使其能量最佳的适应当今市场的要求：超扁、快速安装和高效率。

The filter fan is distinctive, beautiful and safe with sound functions. Its unique design allows it to fully meet the requirements of the current market for being extremely flat, quick installation and high efficiency.

- 内部 Interior
热量 Heat 湿度 Humidity

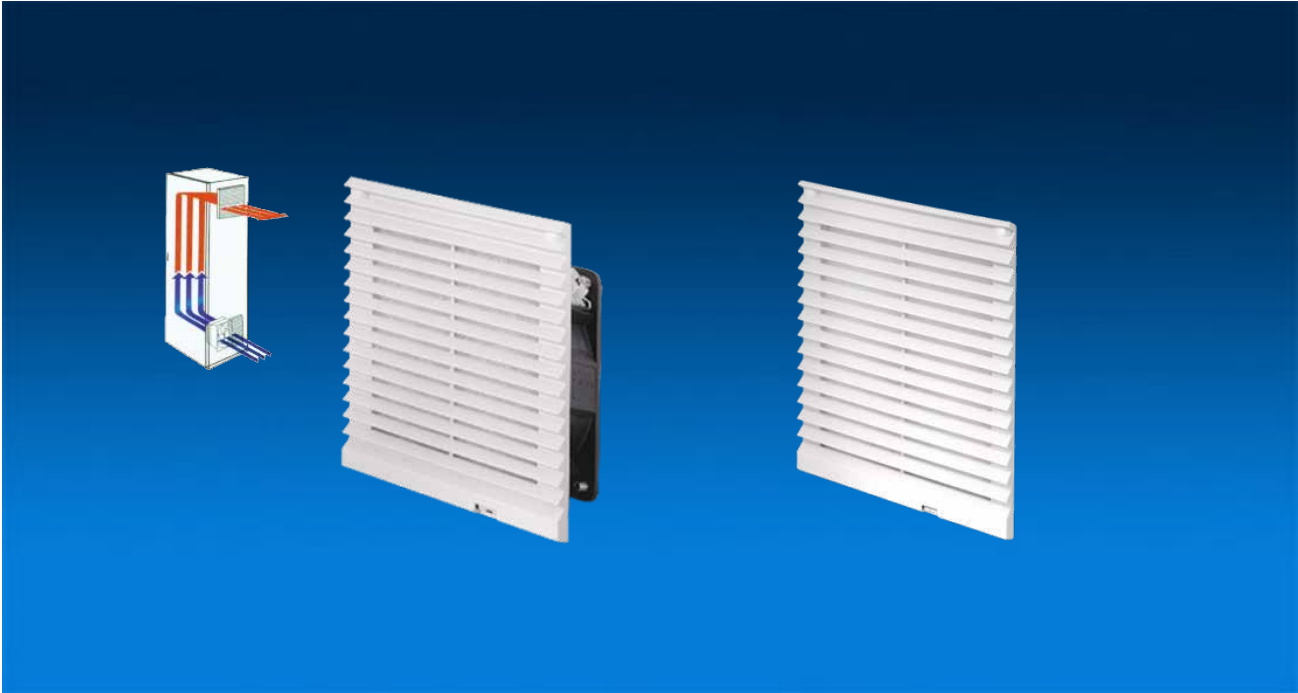


无纺布纤维过滤垫用于防止10微米以上的灰尘颗粒

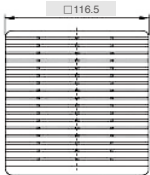
The non-woven fabric filter pad prevents dust more than 10 micros



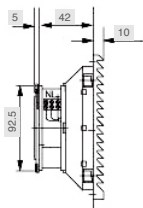
KZ9801 系列机柜风扇及过滤器
K9801 series cabinet fan and filter



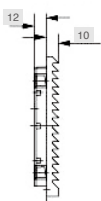
风扇及过滤器
Fan and filter
型号: KZ9801.300
Model:



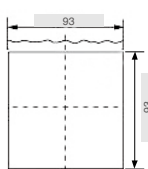
风扇及过滤器
Fan and filter
KZ9801. 230



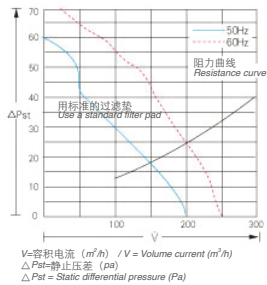
出口过滤器
Outlet filter
KZ9801. 300



安装剖面
Installation section
KZ9801.300



功率特性曲线
Power characteristic curve
KZ9801



出口过滤器 / Outlet filter
订货号: KZ9801.300
Order No.: KZ9801.300



风扇及过滤器 Fan and filter	订货号KZ Order No. KZ	9801.230	9801.115	9801.024
额定工作电压 伏/赫 Rated operating voltage V/Hz		230/50/60	115/50/60	24(直流) 24 (DC)
空气流量, 自由吹风 Air flow rate with free blowing		0.65/0.80m³/min		
轴流风扇 / Axial flow fan		自启动屏蔽磁极电动机 Self-start shielding pole motor	直流电动机 DC motor	
额定电流 / Rated current		0.07/0.06 安 0.07A/0.06A	0.14/0.12安 0.14A/0.12A	0.18安 0.18A
功率 / Power		18瓦/15瓦 18W/15W	16瓦/14瓦 16W/14W	4.3 瓦 4.3W
噪声水平 / Noise level		34/38dB(安) / 34/38dB (A)		
温度范围 / Temperature range		-10°C至+55°C / -10°C to +55°C		
出口过滤器订货号 SK Outlet filter order No. SK		9801.300		

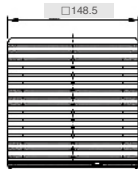
需要特殊电压的可来函询问/本公司
In case of the need for special voltage, you can write to this company

KZ9802 系列机柜风扇及过滤器

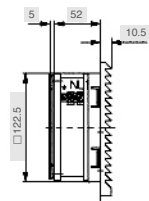
KZ9802 series cabinet fan and filter



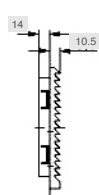
风扇及过滤器
Fan and filter
型号: KZ9802.300
Model:



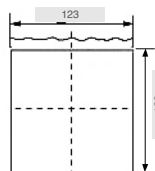
风扇及过滤器
Fan and filter
KZ9802. 230



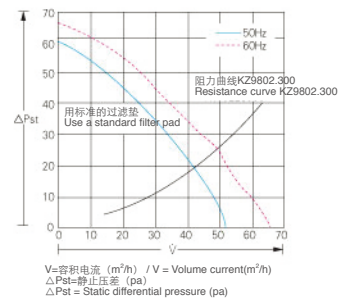
出口过滤器
Outlet filter
KZ9802. 300



安装剖面
Installation section
KZ9802.300



功率特性曲线
Power characteristic curve
KZ9802



出口过滤器 / Outlet filter
订货号: KZ9802.300
Order No.: KZ9802.300



PU发泡密封条

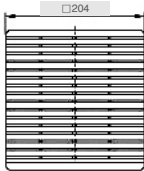
风扇及过滤器 Fan and filter	订货号KZ Order No. KZ	9802.230	9802.115	9802.024
额定工作电压 伏/赫 Rated operating voltage V/Hz		230/50/60	115/50/60	24(直流) 24 (DC)
空气流量, 自由吹风 Air flow rate with free blowing		55/66m ³ /h		
轴流风扇 / Axial flow fan		自启动屏蔽磁极电动机 Self-start shielding pole motor		
额定电流 / Rated current		0.14/0.10安 0.14/0.10A	0.28/0.26安 0.28/0.26A	0.31安 0.31A
功率 / Power		30瓦/22瓦 30W/22W	26瓦/22瓦 26W/22W	7.2 瓦 7.2W
噪声水平 / Noise level		42/49dB(安) / 42/49dB (A)		
温度范围 / Temperature range		-10°C至+55°C / -10°C to +55°C		
出口过滤器订货号 KZ Outlet filter order No. KZ		9802.300		

需要特殊电压的可来函询问/本公司
In case of the need for special voltage, you can write to this company

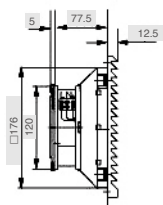
KZ9803系列机柜风扇及过滤器
KZ9803 series cabinet fan and filter



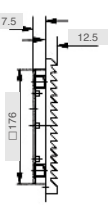
风扇及过滤器
Fan and filter
型号: KZ9803.300
Model:



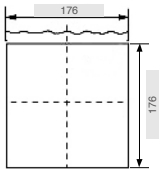
风扇及过滤器
Fan and filter
KZ9803. 230



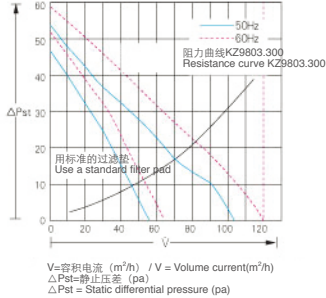
出口过滤器
Outlet filter
KZ9803. 300



安装剖面
Installation section
KZ9803.300



功率特性曲线
Power characteristic curve
KZ9803



出口过滤器 / Outlet filter
订货号: KZ9803.300
Order No.:KZ9803.300



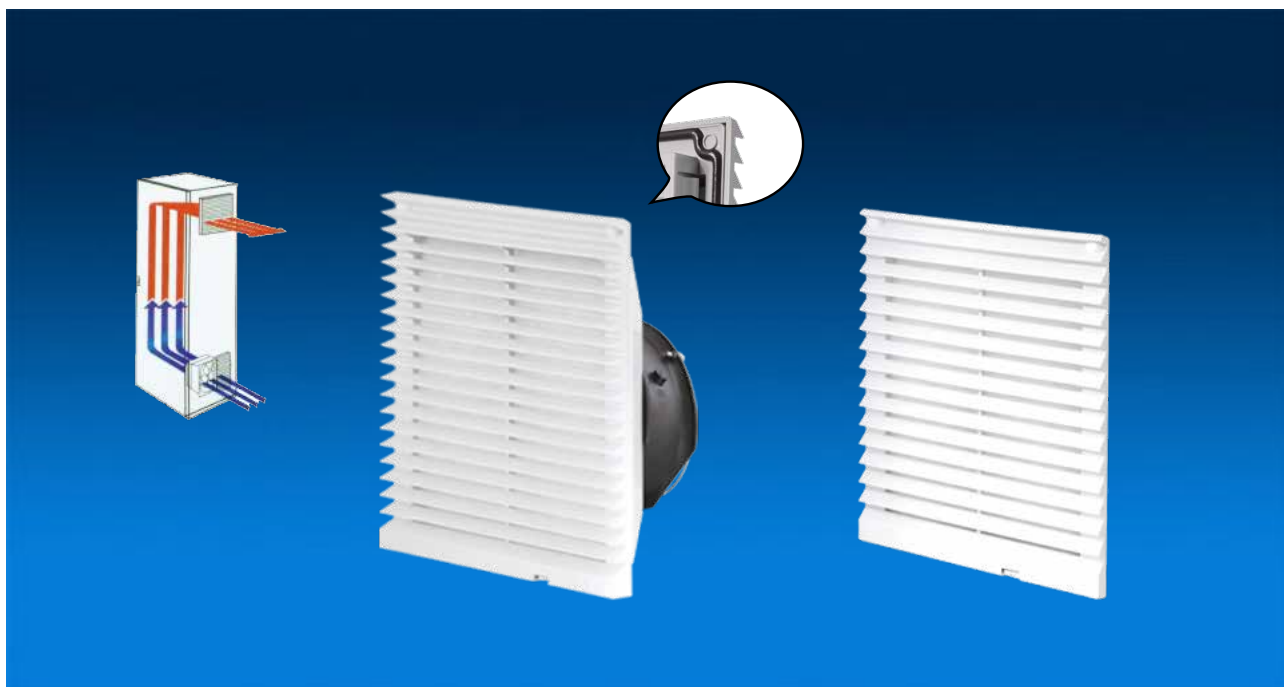
PU发泡密封条

风扇及过滤器 Fan and filter	订货号KZ Order No. KZ	9803.230	9803.115	9803.024
额定工作电压 Rated operating voltage	伏/赫 V/Hz	230/50/60	115/50/60	24(直流) 24 (DC)
空气流量, 自由吹风 Air flow rate with free blowing		105/120m ³ /h		
轴流风扇 / Axial flow fan		自起屏蔽磁极电动机 Self-start shielding pole motor		
额定电流 / Rated current		0.14/0.10安 0.14/0.10A	0.28/0.26安 0.28/0.26A	0.31安 0.31A
功率 / Power		30瓦/22瓦 30W/22W	26瓦/22瓦 26W/22W	7.2 瓦 7.2W
噪声水平 / Noise level		42/49dB(安) / 42/49dB (A)		
温度范围 / Temperature range		-10℃至+55℃ / -10℃ to +55℃		
出口过滤器订货号 KZ Outlet filter order No. KZ		9803.300		

需要特殊电压的可来函询问/本公司
In case of the need for special voltage, you can write to this company

KZ9805系列机柜风扇及过滤器

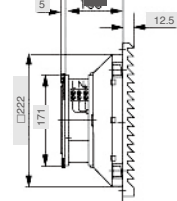
KZ9805 series cabinet fan and filter



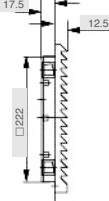
风扇及过滤器
Fan and filter
KZ9805.300
型号:
Model:



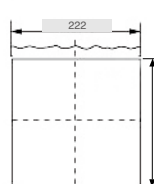
风扇及过滤器
Fan and filter
KZ9805.230



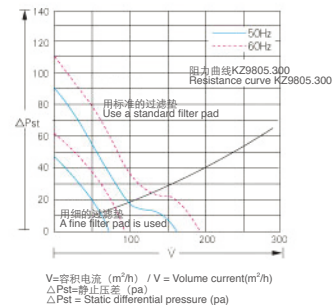
出口过滤器
Outlet filter
KZ9805.300



安装剖面
Installation section
KZ9805.300



功率特性曲线
Power characteristic curve
KZ9805



出口过滤器 / Outlet filter
订货号: KZ9805.300
Order No.: KZ9805.300



PU发泡密封条

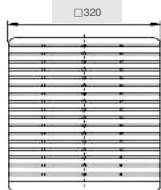
风扇及过滤器 Fan and filter	订货号KZ Order No. KZ	9805.230	9805.115	9805.024
额定工作电压 伏/赫 Rated operating voltage V/Hz		230/50/60	115/50/60	24(直流) 24 (DC)
空气流量, 自由吹风 Air flow rate with free blowing		280/320 m^3/h		
轴流风扇 / Axial flow fan		自启动屏蔽磁极电动机 Self-start shielding pole motor		
额定电流 / Rated current		0.25安 0.25A	0.5安 0.5A	0.6安 0.6A
功率 / Power		38瓦 38W	38瓦 38W	14.4瓦 14.4W
噪声水平 / Noise level		42/63dB(安) / 42/63dB (A)		
温度范围 / Temperature range		-10°C至+55°C / -10°C to +55°C		
出口过滤器订货号 KZ Outlet filter order No. KZ		9805.300		

需要特殊电压的可来函询问/本公司
In case of the need for special voltage, you can write to this company

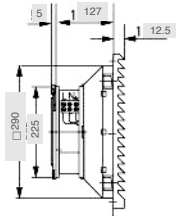
KZ9806系列机柜风扇及过滤器
KZ9806 series cabinet fan and filter



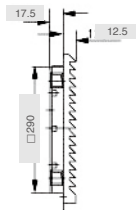
风扇及过滤器
Fan and filter
型号: KZ9806.300
Model:



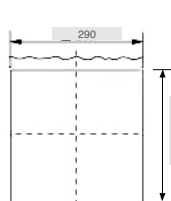
风扇及过滤器
Fan and filter
KZ9806.230



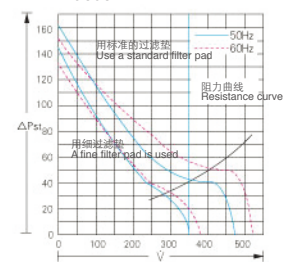
出口过滤器
Outlet filter
KZ9806.300



安装剖面
Installation section
KZ9806.300



功率特性曲线
Power characteristic curve
KZ9806



V=体积流量 (m³/h) / V = Volume current (m³/h)
ΔPst=静压差 (Pa)
ΔPst = Static differential pressure (Pa)

出口过滤器 / Outlet filter 订货号:
KZ9806.300 Order No.: KZ98066.300



风扇及过滤器 Fan and filter	订货号KZ Order No. KZ	9806.230	9806.115
额定工作电压 伏/赫 Rated operating voltage V/Hz		230/50/60	115/50/60
空气流量, 自由吹风 Air flow rate with free blowing		17m³/min	
轴流风扇 / Axial flow fan		电容电动 Capacitor electric	
额定电流 / Rated current		0.34/0.29 安 0.34/0.29A	0.63 安 0.63A
功率 / Power		80瓦 80W	80瓦 80W
噪声水平 / Noise level		65dB(安) / 65dB (A)	
温度范围 / Temperature range		-10℃至+55℃ / -10℃ to +55℃	
出口过滤器订货号 KZ Outlet filter order No. KZ		9806.300	

需要特殊电压的可来函询问/本公司
In case of the need for special voltage, you can write to this company

KMS机柜空调

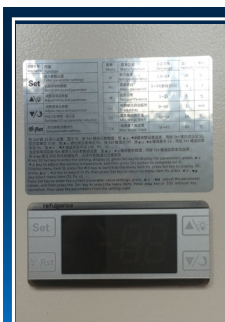
KMS machine cabinet air conditioner



产品特点 Features of product

机柜空调器在国外已被广泛应用于数据处理、通讯、金融、冶金、石化、建材、汽车、机床、军工等各个领域，目前国内的一些大型数据处理中心及数控加工中心也已广泛使用。机柜空调器的卓越功效及优良性能正在逐步被越来越多的国内用户高度认可。

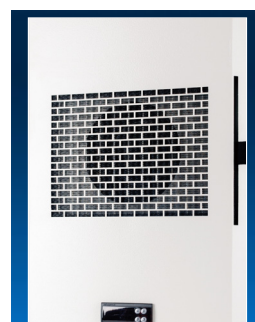
At aboard, cabinet air conditioners are widely applied to various fields such as data processing, communication, finance, metallurgy, petrochemistry, building materials, automobile, machine tool, war industry etc. Currently, they have also been widely applied in some large data processing centers and numerical control centers in the country. The outstanding efficacy and performance of cabinet air conditioners are increasingly recognized by more and more domestic users.



数显控制器
Digital display controller



空调背部
The back of the air conditioner



可拆卸清洗的防尘网
Dust gauze removable for cleaning

产品特点

控制柜内部元器件密集、发热量大，由于散热不良、升温过高而导致的系统故障相当普遍。传统的冷却方式是风扇直接降温，散热效果差。机柜空调，可有效降低控制柜内部温度，并能阻止灰尘、湿气及腐蚀性气体进入控制柜内部，适用于可靠性要求较高的电气控制柜、计算机（服务器）机柜的温、湿度控制，是电控系统可靠工作的有力保障。

Features of product

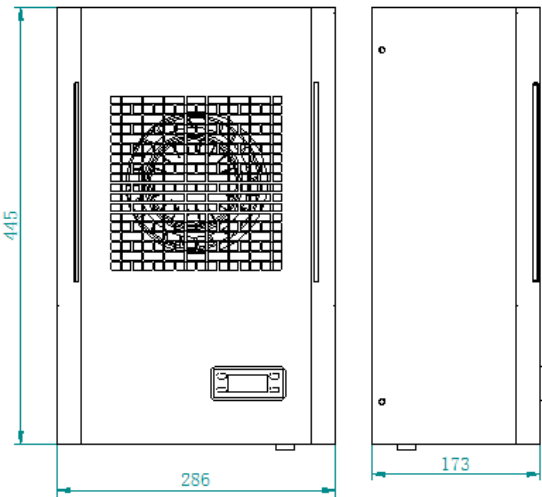
The elements in the control cabinet are dense and have a large heating value. System failure is very common due to bad heat dissipation and high temperature rise. The traditional cooling method is to directly reduce temperature with a fan, which has a poor heat dissipation effect. The cabinet air conditioner can effectively reduce temperature in the control cabinet and prevent dust, moisture and corrosive gases from entering the control cabinet. The air conditioner is used for control on temperature and humidity of electrical control cabinets and computer (server) cabinets with high reliability requirements to ensure reliable operation of an electrical control system.

KMS 机柜空调系列产品规格
KMS cabinet air-conditioning products specifications

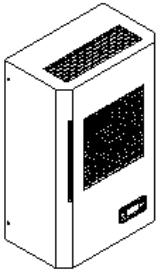
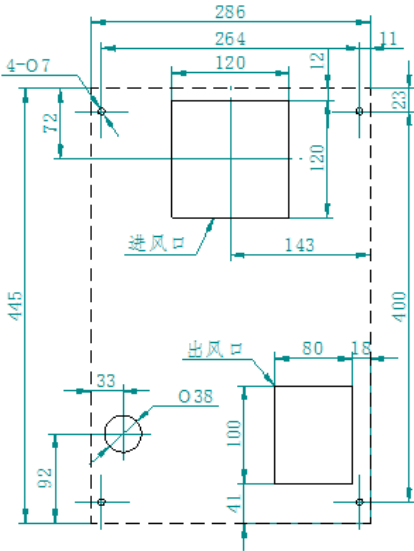
电柜空调产品参数

序号	型号	电源	制冷剂	制冷量	额定电流	输入功率	使用温度	外形尺寸 宽×高×深(mm)	重量
1	KMS-300	单相 220V 50HZ	R134a	300W	1.2A	260W	20℃~60℃	286×445×173	15Kg
2	KMS-600			600W	2.1A	450W		350×630×203	26Kg
3	KMS-800			800W	2.3A	500W		350×630×203	28Kg
4	KMS-1000			1000W	4.1A	900W		370×855×231	36Kg
5	KMS-1500			1500W	4.3A	950W		370×855×231	39Kg
6	KMS-2000			2000W	4.8A	1000W		435×1160×275	64Kg
7	KMS-2500			2500W	7.0A	1700W		435×1160×275	68Kg
8	KMS-3200			3200W	7.3A	1575W		453×1230×291	78Kg

KMS300外形图
KMS300 outline drawing

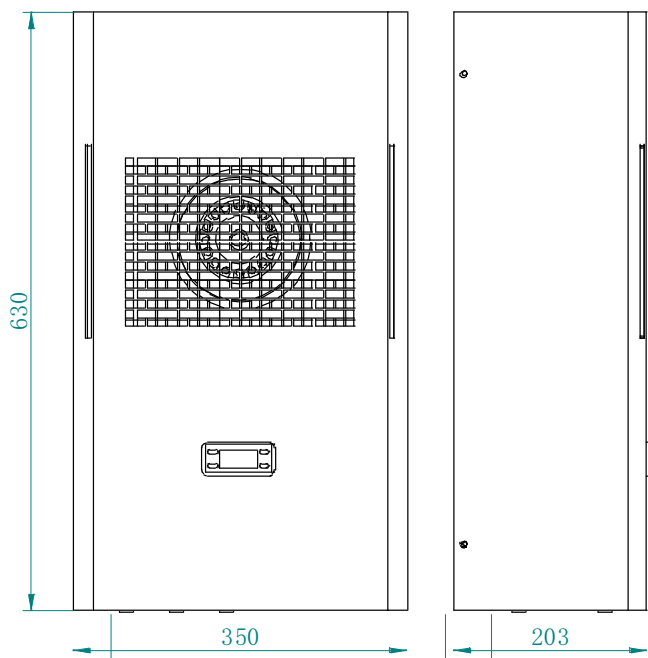


KMS300 开孔图
KMS300 portiforium drawing

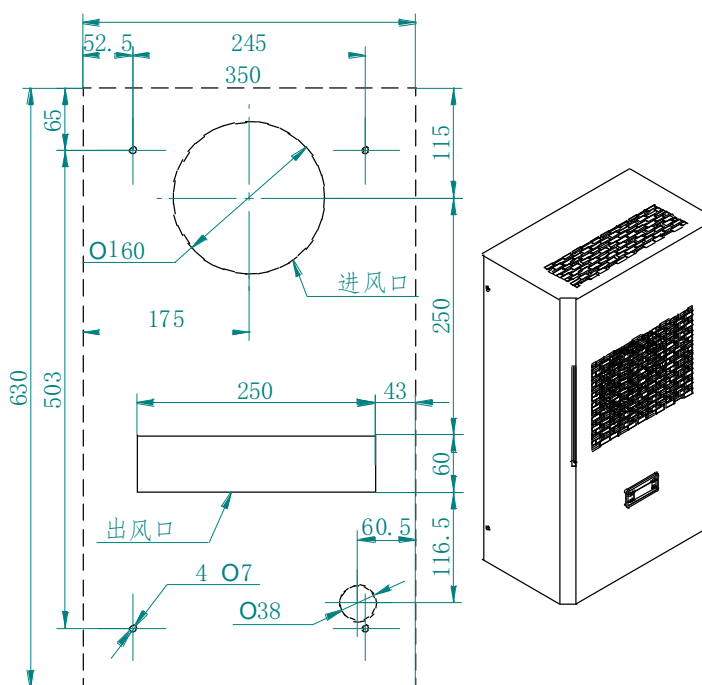


测试工况:电柜内侧干球温度:35℃,湿球温度:26℃,电柜外侧干球温度:35℃
Test conditions: electrical cabinet inside of the dry bulb temperature: 35 °C, wet bulb temperature: 26 °C, power outside of the cabinet dry bulb temperature: 35 °C

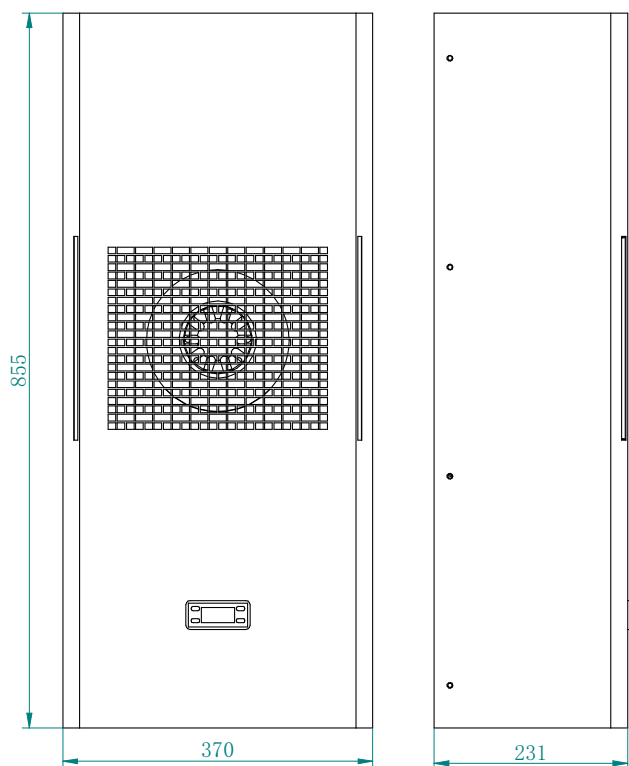
KMS600/800外形图
KMS600/800 outline drawing



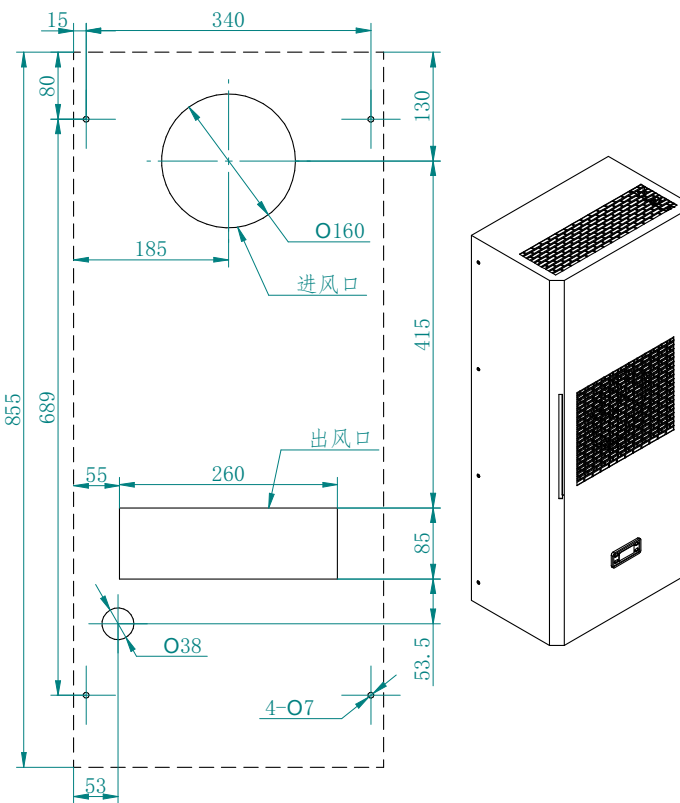
KMS600/800 开孔图
KMS600/800 portiforium drawing



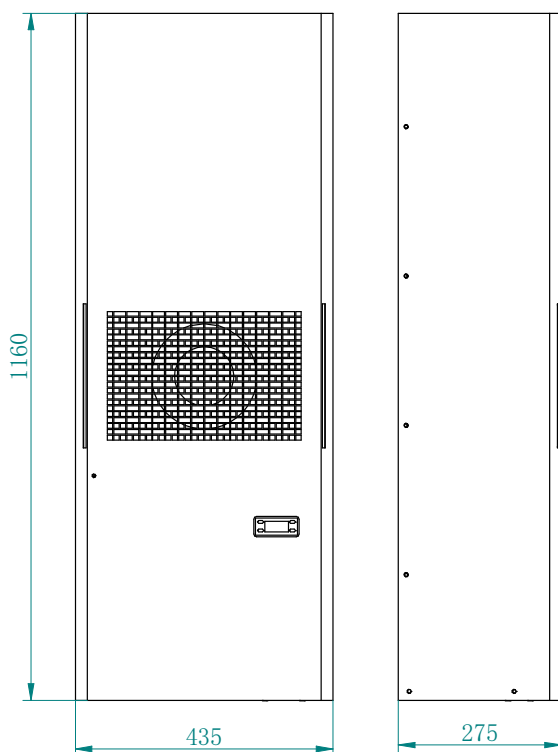
KMS1000/1500 外形图
KMS1000/1500 outline drawing



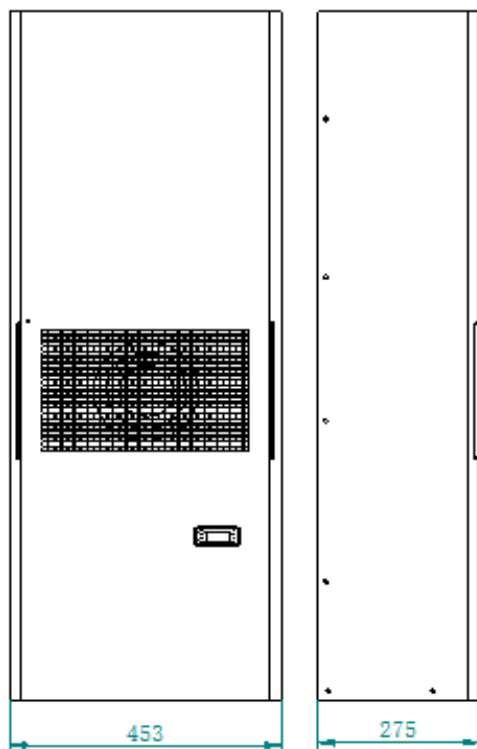
KMS1000/1500 开孔图
KMS1000/1500 portiforium drawing



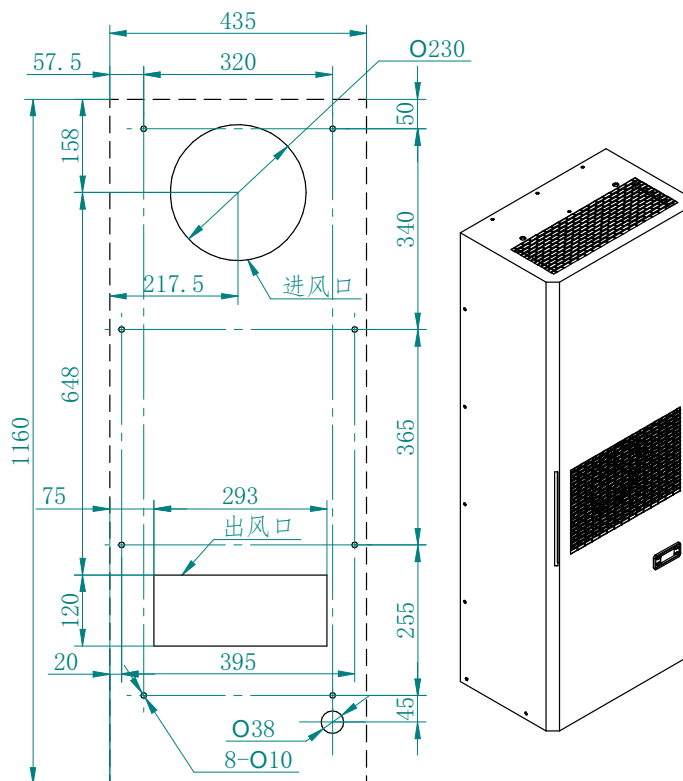
KMS2000/2500 外形图
KMS2000/2500 outline drawing



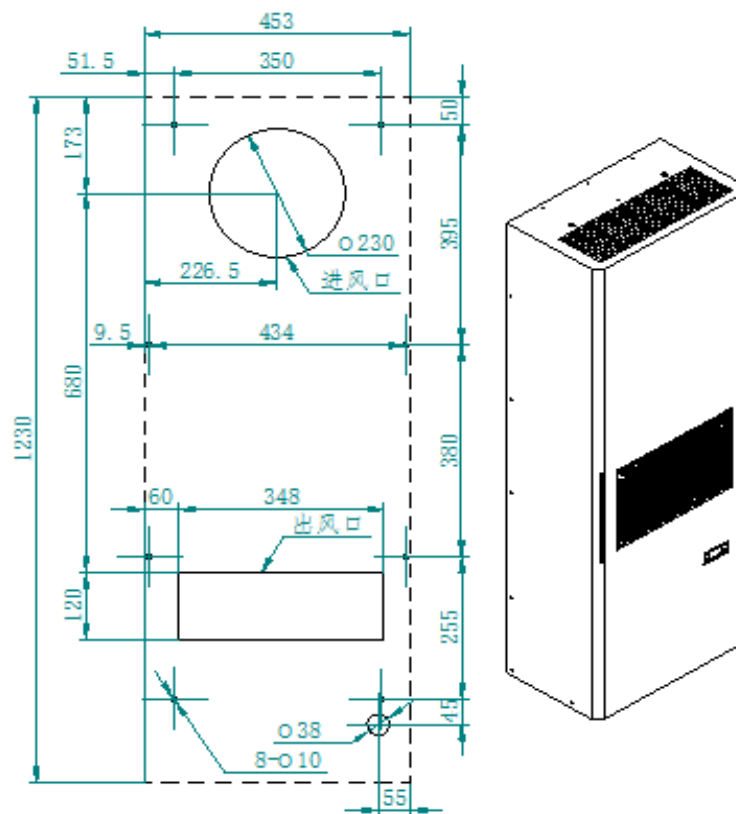
KMS3200 外形图
KMS3200 outline drawing



KMS2000/2500 开孔图
KMS2000/2500 portiforium drawing



KMS3200 开孔图
KMS3200 portiforium drawing



HKMS 户外空调

HKMS Outdoor air conditioning



产品描述 product introduction

专门用于通讯行业的户外无人值守站、电力系统户外控制柜、户外LED显示屏控制系统等防护等级需保持在IP55的户外柜。

Specially for the communications industry outdoor unattended station, power system outdoor cabinet, outdoor LED display control System needs to keep the IP55 protection grade.

优点 Advantage

通过把控制柜的空气冷却同时把柜内热量驱散出柜外同时保护对温度敏感的元件；
温度范围在40到55摄氏度而其他散热产品达不到预期效果时；
螺钉完全设计在柜内，起到防盗作用；
机柜内、外的空气循环完全隔绝，保持柜内良好的密封性，避免外界水气、灰尘和昆虫的侵入。

Through the control cabinet air cooling to disperse the heat from inside to outside while protecting the temperature sensitive component at the same time
Temperature range in 40 to 55 degrees Celsius and other cooling products cannot reach the desired effect;
Screw design completely inside the cabinet, anti-theft function;
Air circulating is completely isolated from inside to outside of the cabinet, maintaining good sealing inside of cabinet, avoiding the intrusion of moisture, dust and insects.

序号	型号	制冷量	制冷剂	电流	输入功率	使用温度	外形尺寸	重量
1	HKMS-300	300W	R134a	1. 18A	260W	-5℃~55℃	523*323*192	
2	HKMS-500	500W	R134a	1. 69A	333W	-5℃~55℃	365*595*150	23Kg
3	HKMS-500Q	500W	R134a	1. 69A	333W	-5℃~55℃	365*595*150	23Kg
4	HKMS-800Q	800W	R134a	1. 92A	413W	-5℃~55℃	365*595*150	25Kg
5	HKMS-1000Q	1000W	R134a	2. 57A	565W	-5℃~55℃	400*690*222	35Kg
6	HKMS-1500Q	1500W	R134a	3. 25A	710W	-5℃~55℃	497*797*167	40Kg
7	HKMS-2500Q	2500W	R134a	5. 45A	1200W	-5℃~55℃	500*1140*285	70Kg
8	HKMS-3000	3000W	R134a	7. 3A	1615W	-5℃~55℃	436*1232*290	66Kg
9	HKMS-3200Q	3200W	R134a	7. 3A	1615W	-5℃~55℃	506*1240*290	66Kg

SKF冷凝水蒸发器

SKF Condensate evaporator



产品描述

Product description

蒸发器系与本公司生产的机柜空调配套使用,用于冷凝水的收集蒸发。

The evaporator works together with the cabinet air conditioner manufactured by our company and is used for collection and evaporation of condensed water.

使用说明

Operation instructions

使用时将空调的冷凝水出口接一根塑料水管,另一端插入蒸发器的水管孔即可, 注意水管一定要插入到蒸发器里面的不锈钢水箱内。

Connect a piece of plastic water pipe to the condensed water outlet of the air conditioner and insert the other end of the pipe to the water pipe hole of the evaporator, make sure that the water pipe is inserted into the stainless steel water tank inside the evaporator.

蒸发器技术参数:

Technical parameters of the evaporator:

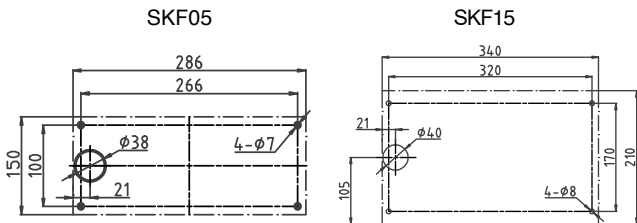
订货号/ Order No.	SKF05	SKF15
工作电压 Rated Voltage (V)	220V	220V
额定功率 Rated Power (W)	500w	1500w
冷凝水最大蒸发量 Evaporation capacity of condensed water	>500ml/h	> 1400ml/h
控制方式 Control mode	自动 Automatic	自动 Automatic
外形尺寸 External dimensions	286mmX155mmX107mm (长X宽X高)	340mmX210mmX130mm (宽X高X深)

1. 安装方式:可安装在空调机下方的侧面,应尽量远离空调.蒸发器工作时会产生大量水蒸气,以免在空调底部结露.如空间不够,也可直接放置于地上.当放置在地上时,应注意防止人员踢到,以免热水溅出伤到人员。

Installation mode: can be installed at the side under the air conditioner and keep it as far as possible from it so as to avoid dew fall at the bottom of the air conditioner as large amount of vapor will be generated when the evaporator works. It can be installed directly on the ground if the space is insufficient. When installing it on the ground, take care not to kick it so as not to get injured by the spilling hot water.

2. 蒸发器安装在机柜上的开孔尺寸:

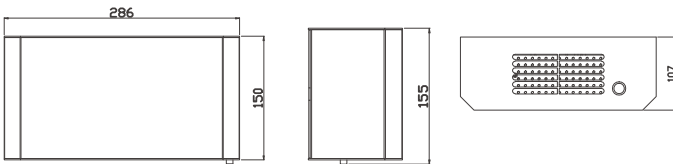
Opening size for installation of evaporator on the cabinet:



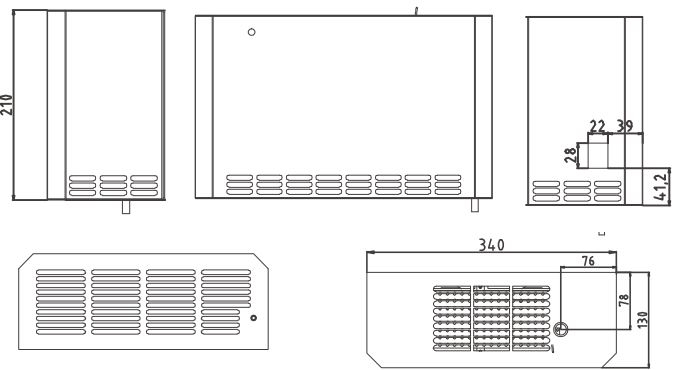
冷凝水蒸发器外形图

Condensate Evaporator Dimensions

SKF05



SKF15



注意事项:Caution notes:

a. 蒸发器有液位传感器自动控制,通电时请水平放置蒸发器,勿将其倒置,以免电热管干烧而损坏。

The evaporator has automatic control of liquid level sensor, please place the evaporator levelly when powering on, do not turn it upside down otherwise the electric heating tube will be dry heated and damaged.

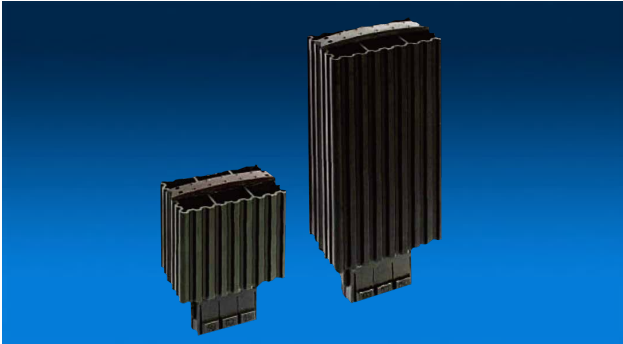
b. 蒸发器工作时禁止手放在出汽口上方, 以免烫伤。
Prohibit placing the hand above the venthole when the evaporator works so as not to get scalded.

c. 大功率空调冷凝水比较多, 可选用蒸发量大一号的蒸发器。
The large power air conditioner will generate more condensed water, better select the evaporator with one gage larger evaporative capacity.

d. 定期清洗. 延长使用寿命。
Make regular rinse to lengthen its service life.

加热器

Heater

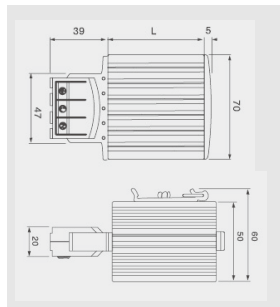


JRQ15/150产品特点 JRQ15/150 product features

加热器用于电气柜潮湿需要保护的应用或温度不能低于指定最小数值的场合。铝剖面机身设计形成的烟囱效应更平稳的释放热量。压力端子连接更节省时间和更简单的安装。

Heater is used for the following applications: the electrical cabinet requiring damp protection or the occasion that the temperature is not less than the designated minimum value, more stable release of heat produced by chimney effect resulting from an aluminum profile body design, pressure terminal connection with less time and simpler installation.

- 压线连接，一压即合
Crimp connections, just a slip-on connection
- 动态升温 / Dynamic heating up
- 宽电压范围 / Wide voltage range
- 高温限制 / High temperature limit
- 节约能源 / Energy saving
- 导轨安装，一卡即合
rail mounting, just a slip-on mounting
- 安装简单方便 / Easy installation



操作电压 / Operation voltage	230VACV 50/60Hz
热元件 / Heat element	PTC, 温度限制 PTC,
电气连接 Electrical connection	3位压线端子, 标准线0.5-2.5平方毫米 3-way crimp connection terminal, standard wire 0.5-2.5 sq. mm
连接端子 / Connection terminal	UL94V0
安装要求 Installation requirement	垂直 / Vertical
操作/存储温度 Operation / storage temperature	-45°~+70°

工作电压低于140V AC/DC 会降低约10%的热输出
Work voltage is below 140V AC/DC, it will reduce 10% heat output.

Rack型号	订货号 / Order No.	热输出 (W) 20℃的环境温度	最大允许电流 (A)	L (m)	重量 / Weight (kg)	备注
JRQ15	2020.001	15-20	1.5	65	0.2	AC110V DC48V的产品 可以定制
JRQ30	2020.002	30-35	2.5	65	0.2	
JRQ45	2020.003	45-50	3	65	0.2	
JRQ60	2020.004	60-65	3.5	140	0.2	
JRQ75	2020.005	75-80	4	140	0.2	
JRQ100	2020.006	100-110	4.5	140	0.38	
JRQ150	2020.007	150-160	9	220	0.38	
Rack型号	订货号 / Order No.	热输出 (W) 20℃的环境温度	W×H×D (mm)		重量 / Weight (kg)	备注
JRQ250	2020.008	230-270	85×180×85		1.1	AC110V
JRQ350	2020.009	320-380	85×222×85		1.4	DC48V的产品可以定制

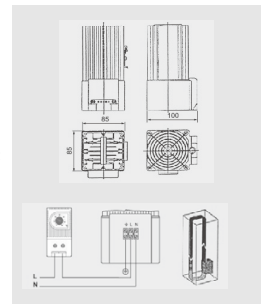


JRQ250/400产品特点 JRQ250/400 product features

紧凑的加热器保障电气柜免受潮湿的侵蚀，高性能集成的轴流风扇提供强大的空气循环，确保控制柜有一个平稳的温度环境，内置的端子连接器更加安全。

Compact heater prevents the electrical cabinet from corrosion of humidity. High-performance integrated axial fan provides powerful air circulation, ensuring the control cabinet a stable environment temperature the built-in terminal connectors are more secured.

- 紧凑设计 / Compact design
- 导轨安装，一卡即合
Rail mounting, just a slip-on mounting
- 长寿命 / Long Life
- 免维护 / Maintenance-free
- 高温限制保护 / High-temperature protection limit
- 自带风扇 / Fan provided



操作电压 / Operation voltage	230VACV 50/60Hz
热元件 / Heat element	镍铬丝
温度安全保护 Temperature safety protection	在风扇故障的情况下过热保护 Overheat protection
滚珠轴流风扇 Axial ball fan	AC:45m³/h(50HZ) 50m³/h(60HZ)
电气连接 Electrical connection	R200:3*0.75mm²电缆标准线0.5-2.5mm²
连接端子 / Connection	UL94V0
安装要求 Installation requirement	垂直 / Vertical
操作/存储温度 Operation / storage temperature	-45°~+70°