



湿帘降温通风产品中国供应商
COOLING PAD VENTILATION PRODUCTS, MADE IN CHINA

格利特产品
清新 自然 健康 环保

Glitter products, fresh, natural, healthy, environmental

江阴市格利特空气处理设备有限公司

JIANGYIN GLITTER AIR TREATMENT EQUIPMENT CO.,LTD.

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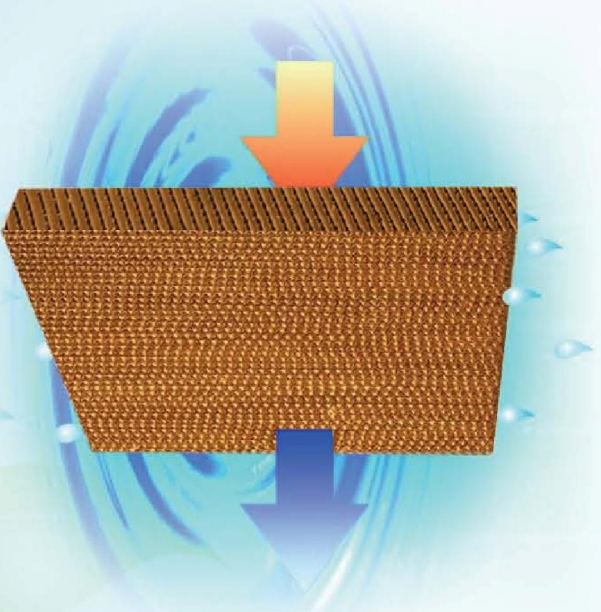


湿帘降温通风产品中国供应商
COOLING PAD VENTILATION PRODUCTS, MADE IN CHINA

“格利特”湿帘降温通风产品
专业用于温室、畜禽舍及各类型工业厂房的降温通风

"GLITTER" cooling ventilation products

Professional for greenhouse, livestock and poultry, various types of industrial plants



江阴市格利特空气处理设备有限公司

JIANGYIN GLITTER AIR TREATMENT EQUIPMENT CO.,LTD.



公司简介

INTRODUCTION

江阴市格利特空气处理设备有限公司成立于2004年，坐落在风光旖旎的长江三角洲，位于江苏常州和江阴市中间——西石桥镇澄澄路2512号，西近沪宁高速，东邻京沪高速，交通十分方便快捷！

公司主要从事湿帘（水帘），风机，环保空调、热风机等各类空气处理设备的生产，湿帘生产线、纸箱瓦楞辊的制造、加工、修理，以及各类相关设备的进出口业务。

完美质量是企业追求，物美价廉是客户的需求，秉着“真诚合作，共同发展”的经营理念，公司不断吸收国内外先进科技成果，不断研发新产品，及时跟进国际先进的环保行业步伐。公司产品也不断远销到南美、东南亚、中东、非洲等众多国家。

竭诚欢迎国内外各界朋友与我们真诚合作，你们的满意是我们永恒的追求！

Jiangyin Glitter Air Treatment Equipment Co., Ltd. found in 2004, located in the beautiful and rich Yangtze River Delta, between in Changzhou and Jiangyin——No.2512, Zhencheng Road, Xishiqiao.

The traffic is convenient, it's near to the Shanghai-Nanjing Highway on the West and Beijing-Shanghai Highway on the East.

We mainly engaged in developing and making the cooling pad(wet pad), exhaust fan, environmental air conditioner, air heater and relative parts and production line development and maintenance.

We believe that "perfect quality is the enterprise's pursuit, favourable price and quality is the customer's demands", uphold the "equality and mutual-benefits" business philosophy, actively bring in advanced technology, develop the new designs and keep up with the international level. Our products have exported to South America, East Asia, Middle East, Africa etc.

Warmly welcome to purchase Glitter products. Your satisfaction is our best harvest

检测认证 Certifications & Test Reports



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蒸发降温湿帘 Evaporative Cooling Pad

A. 湿帘简介/Cooling Pad Brief Introduction:

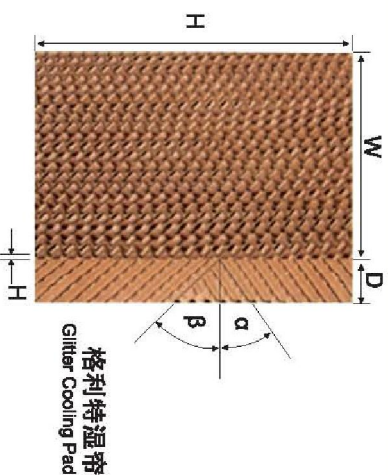
H(L): 湿帘高度/Cooling Pad Height

W: 湿帘宽度/Cooling Pad Width

D: 湿帘厚度/Cooling Pad Depth

H(R): 湿帘波纹/Ripple Height

α β : 波纹角度/Ripple Angle



湿帘，别名水帘，主要用于降温系统、增湿系统。呈蜂窝结构，是由吸水性原木浆纸加工生产而成。生产流程分为上浆、烘干、压制瓦楞、定型、上胶、固化、切片、修磨。通常有7090,6090,5090三种型号，波纹为45° x 45° 交错对置，特殊尺寸和规格需要单独定做。

Cooling Pad, or called wet pad, made of hydroscopicity kraft paper, is mainly used for the cooling system, humidification system and filter system. The process includes gluing, drying, corrugating, shaping, solidifying, cutting and polishing. Common specifications are 7090, 6090 and 5090 with 45° x 45° ripple angle. Special sizes or dimensions need made or required individually.

格利特湿帘，具有效率高、耐腐蚀、抗霉变、使用寿命长等特点，其自然吸水能力为60-70mm/min 或 200mm²/1.5h, 降温效率高达80%以上。

Gitter Cooling Pad is made of water absorbing kraft paper. It boasts a series of superior quality, such as strong hydroscopicity, high wet stiffness, corrosion resistance and long useable life etc. It absorbs the water naturally and the water absorbing capacity is 60-70mm²/min or 200mm²/1.5h. The cooling efficiency is by up to 80%.

格利特湿帘已通过国际“ROHS”认证，不含对人体有害的苯酚等化学物质，绿色环保，经济，易安装。

Our products contain no surfactant and harmful chemicals like phenol and no harmful to health during installation and application. It belongs to green and environmental products, meanwhile, it has approved "ROHS" certified.



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B. 湿帘分类/Cooling Pad Classifications

1. 棕色/Brown

1) 吸水性牛皮纸制成，高吸水，耐腐蚀，抗霉变，使用寿命长

Made of absorbent kraft paper, strong hydroscopicity, corrosion resistance, long useable life

2) 蒸发降温效率达80%以上

Evaporation efficiency is by up to 80%

3) 自然吸水，扩散速度快，效能持久

Absorbing water naturally, fast diffuse, durable efficiency

4) 不含任何对人体有害的苯酚等物质，绿色环保，经济易安装

No surfactant and harmful chemicals, no phenol, no harmful, easy installation



棕色



黑色

2. 黑色/Black

1) 改善传统湿帘易碎，表面清洗不方便等缺点

Improved some shortcomings of cooling pad, fragile, inconvenient cleaning, etc

2) 强度高，高效防腐，抗冲击力强，表面易清洗

High strength, strong corrosion resistant, high impact resistance, easy cleaning

3. 绿色/Green

1) 采用特殊工艺，有效抑制细菌，藻类等的生长

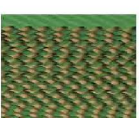
Special technology, inhibiting growth of bacteria and algae

2) 外型美观，绿色环保，无污染

Beautiful exterior, environmental protection, no pollution



绿色



彩色

4. 彩色/Green-Brown

1) 环保材料制作，高性能兼绿相同纸芯

Made from environmental materials, superior quality, two colour paper, yellow and green

2) 色泽艳丽，家庭，商场等的理想选择

Bright colour, good choice for home and markets

C. 规格尺寸/Specification and Dimensions

规格型号 Specification	7090	6090	5090
高 Height(mm)	1500 1800 2000	1500 1800 2000	1500 1800 2000
宽 Width(mm)	600 300 200	600 300 200	600 300 200
厚 Thickness(mm)	100 150 200 300	100 150 200 300	100 150 200 300
波纹高 Ripple Height(mm)	7	6	5
波纹角度 Ripple Angle(°)	45°45	45°45	45°45

各种规格尺寸，均可根据客户要求定做

Different sizes could be made according to the customers' requirements.

负压通风机 Exhaust Fan

A. 产品特点/Product Characteristics

- 1) 扇叶为不锈钢材质，外框为镀锌板，不变形，不断裂，美观耐用
Stainless steel fan blade, galvanized sheet frame, no deforming, no broken, attractive and durable.
- 2) 采用CAD/CAM优化设计制造，具有余压高、风量、噪音低、耗能小、运行平稳、使用寿命长等特点。
Adopted CAD/CAM technology, high overall pressure, large air flow, low noise, stable operation, long service life.
- 3) 百叶窗能够自动启闭，达到防尘、防水、美观大方的效果，是温室、厂房降温通风的最佳选择。
With the motor rotating, shutters open and close automatically, thus preventing dust and moisture. It's the best choice for ventilation in greenhouses and plants.

4) 防护网是单面的，即一面是防护网，另一面是百叶窗。

The protective net is single-sided, that is one side is protective net and the other is shutter.

5) 百叶窗的支撑杆是塑料的，而连接杆则是镀锌板材料。

The shutter's support bar is plastic and the linkage is galvanized sheet.

B. 结构说明/Structure Description



- | | |
|--------|----------------------|
| 电机调整螺栓 | motor adjusting bolt |
| 电机 | electric motor |
| V形皮带 | v-belt |
| 扇叶 | fan blade |
| 流动轴承 | flow bearing |
| 百叶窗 | shutters |
| 防护网 | protective screening |
| 重锤 | heavy bob |

C. 产品说明/Product Description

一台风机一小时将700m³(约100m³)厂房室内与室外空气交换44000m³/h ÷ 700m³=63次,使室内的每一个位置有如安放一台家庭风扇直吹的效果,从而保持凉爽舒适的工作环境。

For a 700m³ about 100m³ plant, one set exhaust fan exchanges the air indoor and exterior 63 times(44000 ÷ 700m³), thus making it like directly setting up one family fan in every position. As a result, the environment is kept nice and cool.

D. 技术参数/Technical Data

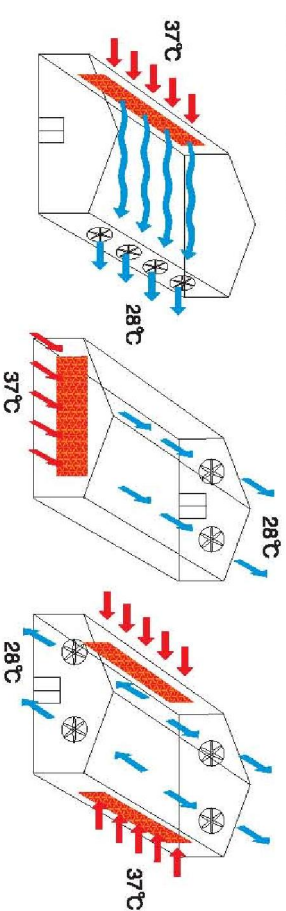
规格 Model	功率 Power (kw)	电压 Volts (v)	风叶直径 Fan Dia (mm)	风叶转速 RPM (r/min)	风量 Air Flow (m ³ /h)	噪音分贝 Noise (db)	外径尺寸 Outer Size (mm)
GLT-900	0.75	380	900	610	30000	≤70	1000*1000*400
GLT-1000	0.75	380	1000	600	35000	≤70	1100*1100*400
GLT-1100	1.1	380	1100	460	40000	≤70	1220*1220*400
GLT-1250	1.1	380	1250	439	44000	≤70	1380*1380*400
GLT-1400	1.5	380	1400	325	55800	≤70	1530*1530*400

湿帘-风机降温通风系统 Pad-Fan Cooling System

A. 产品说明/Product Instruction

格利特湿帘降温系统的降温过程是在其核心-格利特湿帘纸垫内完成的。在波纹的纤维纸表面有层薄薄的水膜，当室外于热空气被风机抽吸穿过纸垫时，水膜上的水会吸收空气中的热量进而蒸发成水蒸气，这样经过处理后的凉爽湿润的空气就进入室内了。这自然的过程就如风吹过水面一样。“湿帘-风机”的纵向通风降温组合是最经济、有效的温室夏季降温措施。

Leveraging the principle of heat absorption through evaporation and exhaust fan, Glitter Pad-Fan Cooling System proves to eliminate waste gas and reduce the temperature, thus improving the environment and keeping cool and favorable air. "Pad-Fan" cooling system is the best economical and effective option for cooling in the summer.



B. 主要组件/Main Components

格利特湿帘-风机降温系统主要由水帘墙，负压风机组成。

Glitter Pad-Fan is mainly composed of water pad wall and exhaust fan.

1) 水帘墙，即湿帘墙，主要由铝合金框架、湿帘纸芯、框架内部水循环塑料件组成。

Water pad wall, cooling pad wall, consists of aluminum alloy frame, cooling pad inner components of the frame.



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2) 铝合金框架，主要作用是固定湿帘并实现水在湿帘表面的循环流动，是专用的铝合金模具挤出成型，安装简便、强度高、抗锈蚀、结构紧凑，无漏水现象。

Aluminum alloy framework is used for fixing the cooling pad and ensuring the water cycle of the pad surface. It's made through the special aluminum alloy mould. It boasts a few properties, such as easy installation, high strength, corrosion resistance, compact structure, no leaking and so on.



加强型铝合金上下框

Strong Type Up & Down Frame



简易型铝合金上下框

Simple Type Up & Down Frame



铝合金侧边框

Side Frame

3) 格利特湿帘纸芯，是降温系统的核心组成部分，自然吸水，扩散速度快，效能持久，安全无毒害，是环保节能、经济有效的降温产品。

Glitter Cooling Pad is the core of the cooling system. It's high spreading speed, long efficiency, safe and no pollution. Due to the environmental, energy-saving and economical properties, it's a good choice among the cooling products.

4) 负压风机，通过负压风机抽风，使室外与室内空气交换，将厂房内热气、秽气完全排出厂外，自然流入新鲜空气。

Exhaust Fan: Convulsions by exhaust fan, it can exchange the air of room and out, and discharge the heat and noxious gas, and then make the fresh air into the room.

5) 水循环内组件/Inner components of water cycle



铝合金挡水板
Water Barfle



塑料翻水板
Plastic Rebal Plate



塑料端盖
Plastic Endcap



淋水管
Spray Pipe



水管托架
Water Pipe Bracket



三通
Union Tee



堵头
Pipe Plug



下出水口
Down Outlet

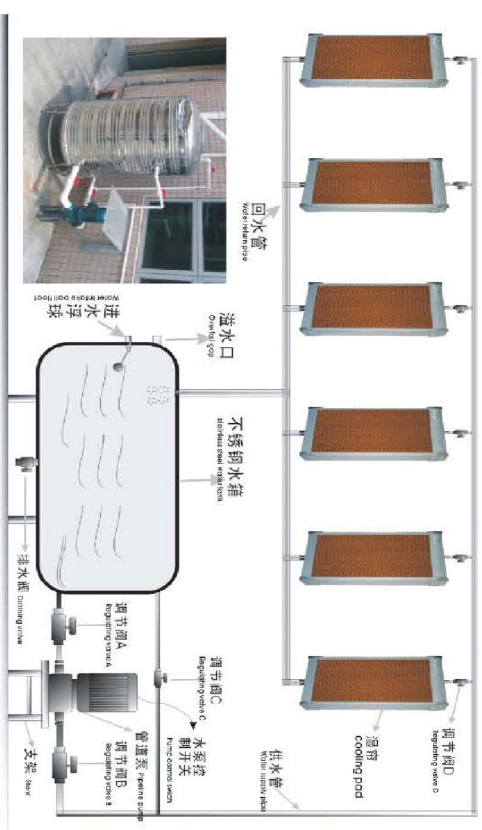


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C. 安装示意图/Installation Diagram

在湿帘—风机的通风系统中，湿帘与风机总是相对布置，湿帘安装在迎着季风方向的墙面上。常见的湿帘降温系统布置方法如图所示：

In the Pad-Fan cooling system, the exhaust fan is always installed the opposite of the cooling pad wall. The cooling pad is installed on the wall against the wind, just do as follows:



D. 使用说明与保养维护/Operation Instructions and Maintenance

格利特蒸发冷却湿帘是非常持久耐用的产品，为了保证湿帘的最长寿命，维持最佳功效，请在正确的安装使用条件下使用。

Glitter cooling pad belongs to long service life products to keep the best service and effects, please use it under the right installations

水质选择/Water Selection

循环水的PH值保持在6-9之间（PH值为7的是纯净水）。PH值太高或太低，都会对湿帘造成损害；硬水所含的碳酸钙沉淀对湿帘没有损害，但需保持在一定的范围内。软水中氯化钠浓度若超过50000ppm，将会有盐物质沉淀在湿帘上，从而减小穿过的气流；循环水中盐的浓度须在50000ppm以内；混合水中盐的浓度须在40000ppm以内。



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Cycle water PH should keep 6~9(water with PH=7 belongs to pure water). Higher or lower PH may cause damage to the cooling pad. Although CaCO₃ in the hard water is no harmful to the cooling pad, it's should be in a certain range. If the NaCl density over 50000ppm, there will be some salt on the cooling pad caused to lower the airflow. The salt in the cycle water density should keep lower than 50000ppm. Salt density in mix water should be under 40000ppm.

清洗/Clean

如果空气中的灰尘趋向于阻塞气流的通过，系统正常运转通常可以清除这些障碍物。

If the dust tends to block the airflow, the normal operating system can clear it by itself.

可用低压水蒸气喷射或是轻轻擦洗湿帘，不可使用氟气或其它刺鼻气味的化学制品清洗。

Low pressure water steam spraying or gently scrubbing is allowable, while chlorine or the other chemicals with sharp flavour are forbidden.

停止使用时/Disuse

●每天在关机前，切断水源后，风扇需继续转30分钟或更长时间，至湿帘完全干燥后再停机，以防藻类滋生，从而避免阻塞水泵、过滤器及布水管。

Before turning off the fan and after cutting off the water, the exhaust fan must remain rotating more than 30 minutes till the cooling pad absolutely dry in case algae breeding to block the water pump, filter and water pipes.

●藻类能在任何有光线、潮湿、裸露的表面生长，以下是一些防止其生长的建议：

Algae can grow in wherever light, wet or bare exists on the surface, the following is some advice to avoid this condition.

(氯和溴是两种非常普通的防止藻类生长的化学物质，但其对湿帘态体有潜在的危险性，要慎重使用)

"Cl" and "Br" are both common chemicals to avoid algae breeding, but they do latent harm to the cooling pad, careful use is necessary.)

1)不使用开放式的池塘水；

2) Don't use open pond water

3) 选择水质较好的水；

Choose good quality water

3) 给供水槽加盖，以防止暴露在阳光下或空气中的尘埃的进入；

Cover the water tank to avoid exposed to the sun or the dust entering

4) 切断水源后使风扇再运转一段时间；

Keep the fan rotating some time after cutting off the water

5) 水自给系统与其他系统隔离开；

Separate water system from the other systems

6) 湿帘避免阳光直射。

Avoid the sun direct light the cooling pad



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环保空调(冷风机) Environmental Air Conditioner(Air Cooler)

A. 产品优势/Product Advantages

1) 投资少，效能大 Less Investment, Larger Effectiveness

投资成本只有中央空调的1/4，且不占用室内面积。

Total investment is only 1/4 of central air conditioner and it doesn't occupy the area in the room.

2) 节能省电 Power Saving

用电量低，只有中央空调的1/10，且维护费用低。

Low power consumption, it's only 1/10 of central air conditioner. Low maintenance cost.

3) 绿色环保 Environmental Protection

无氟利昂，无压缩机，不散热

No freon, no compressor, no heat

4) 降温效果明显 Strong Cooling Effect

降温速度快，风量大。

High cooling speed, large air flow.

5) 优化空气质量 Superior Air Quality

集通风，降温，换气，净化于一体，增加空气含氧量，避免病毒传染。

Ventilation, bring in fresh air, increase the oxygen content and prevent the viral infection

B. 使用范围/Applications

厨房食堂、办公厅房、车间工地、商铺展馆、菜场超市、美容健身、娱乐餐饮、医院诊所、临时棚架等需要降温通风的场所，也适合岗位降温。

Places needing cooling and ventilating, like kitchen, offices, industrial plants, clothes factory, textile factory, shops, supermarket, entertainment etc.

C. 分类及技术参数/Classification and Technical Data

(1) 工业用冷风机/Industrial Evaporative Air Cooler



上出风/Up Discharge



侧出风/Side Discharge



下出风/Down Discharge

规格型号 Specification	电压 Voltage	功率 Power	风量 Air Flow (m ³ /h)	电机转速 Motor RPM	水泵功率 Pump Power	耗水量 Water Consumption	制冷量 Cooling Capacity	外框尺寸 Outer Size (mm)
GLT-12000	380V	0.8kw	10000	960r/min	0.45kw	6 L/h	7000Btu	1360*1360*920
GLT-15000	380V	0.75kw	14000	1400r/min	0.45kw	8 L/h	9000Btu	1350*1350*920
GLT-18000	380V	1.1kw	18000	1400r/min	0.45kw	10 L/h	13000Btu	1350*1350*920

(2) 移动式冷风机/Portable Air Cooler



GLT-35



GLT-55

规格型号 Specification	电压 Voltage	风机类型 Fan Type	功率 Power	风量 Air Flow (m ³ /h)	噪音 Noise	水泵功率 Pump Power	耗水量 Water Consumption	制冷量 Cooling Capacity	外框尺寸 Outer Size (mm)	净重 N.W.
GLT-35	220V	离心式Centrifugal	100W	3500	≤45db	18W	1.8-2.5L/h	1200Btu	620*401*170	22kg
GLT-55	220V	离心式Centrifugal	280W	5500	≤45db	18W	2.5-3.0 L/h	3500Btu	850*450*190	28kg

(3) 大风量管道送风风机/Large Evaporative Air Cooler



上出风
Up Discharge



下出风
Down Discharge

规格型号 Specification	电压 Volts	功率 Power	风量 Air Flow	风机类型 Fan Type	出口 Air Outlet	送风距离 Blowing Distance	水泵功率 Pump Power	噪音 Noise	耗水量 Water Consumption	制冷量 Cooling Capacity	外框尺寸 Outer Size (mm)
GLT-3000A	380V	3kw	3000m ³ /h	Axial Flow	Up	≤45m	50w*2	≤55dB	30-40L/h	3000Btu	1340*1540*120
GLT-3000B	380V	3kw	3000m ³ /h	Axial Flow	Down	≤45m	50w*2	≤55dB	30-40L/h	3000Btu	1340*1540*120

超级冷风柜 Super Cold Cabinet

A. 产品特点/Product Characteristics

不锈钢冷风机同传统空调相比，具有价格便宜、能耗小的特点；使用成本不到空调的十分之一，维护费用也极低；以水为制冷剂，制造和使用过程中对环境无污染；底座和机身采用铝合金和不锈钢制成，经久耐用；风冷方式适用于敞开门及有高温热源及有异味场所；采用直接蒸发式制冷，会使进入室内空气含尘量减少，提高室内空气洁净度；换气型工作方式能加快气体流动，对于空气污浊、闷热场所所有特效，有利于员工身体健康，间接提高生产力。

Stainless steel air cooler compared with the traditional, it's cheaper price, lower consumption and maintenance, the cost is not enough 1/10 to the traditional. It makes the water as the refrigerant, thus no pollution to the environment. The bottom and body are long durable life, made of aluminum alloy and stainless steel. Cooling method is applicable to these places, open, high temperature source and peculiar smell air, etc. Its cooling type is direct evaporation, thus reducing the dust in the air, improving the air cleanness. Ventilation system can speed up the air flow, is special for the muggy and tainted places. It's beneficial to the worker health, thus indirectly increasing the production capacity.



B. 技术参数/Technical parameters

产品型号 Model	GLT-42000A	GLT-42000B
空气流量 Air Flow(m ³ /h)	42000	42000
控制方式 Motor Type	三相单速 3-phase Single	三相无级调速 3-phase Stepless Speed
风机类型 Fan Type	轴流 Axial Flow	轴流 Axial Flow
风机功率 Power(kw)	15	15
送风距离 Air Supply Distance(m)	≤35	≤35
设备噪音 Noise(dB)	≤80	≤80
出风类型 Air Discharge	顶出风 Up Discharge	侧出风 Side Discharge
适用面积 Application Area(m ²)	800-1000	800-1000
外形尺寸(长×宽×高)Outer size (L×W×Hcm)	188×188×220	188×188×220
出风口尺寸 Outlet Size(cm)	90×90	90×90
重量 N.W.(kg)	650	650



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降温工程实例 Product Application



湿帘墙用于工业厂房
Cooling Pad Wall for Industrial Plants



湿帘墙用于网吧降温
Cooling Pad Wall for The Internet Bar



湿帘墙用于畜牧养殖
Cooling Pad Wall used in Animal Husbandry



湿帘墙用于温室大棚
Cooling Pad Wall used in Greenhouse

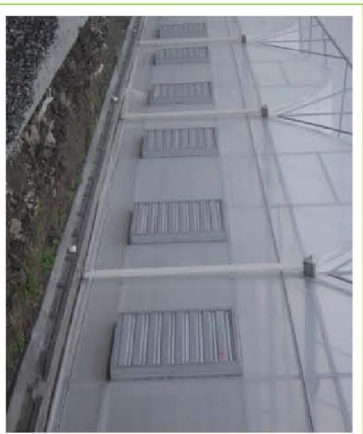


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降温工程实例 Product Application



负压风机用于工业厂房
Exhaust Fan for Industrial Plant



负压风机用于温室大棚
Exhaust Fan used in Greenhouse



环保空调用于工业厂房
Environmental Air Conditioner used in Industrial Plants



超级冷风柜用于工业厂房
Super Cold Cabinet used in Industrial Plants