www.aolan-china.com

AOLAN

EVAPORATIVE COOLING AND HUMIDIFICATION

More Energy Saving Solutions Of Air Cooling & Humidifying

AOLAN (FUJIAN) INDUSTRY CO..LTD

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MAKE AIR HANDLING SIMPLER
AND MORE PERFECT

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Aolan Yixu Industry Park

Company Profile

Aolan (Fujian) Industry Co.,Ltd is a high-tech enterprise which collects the research development, manufacture, marketing, as well as service on evaporative air coolers， indirect evaporative cooling system (dew point) and liquid desiccant air conditioning (LDAC). Since bringing in the energy saving coolers in 1998, Aolan had filled the blank market of Evaporative Air Coolers in China. In 2012, Aolan newly developed dew point indirect evaporative air cooler, liquid desiccant air conditioner , D.P.T. Cooling Tower, Evaporative Cooling Media, Air Purifier and HVLS Fan.

Aolan strictly enforces ISO9001, ISO14001,OHSAS 18001 and so far, gained more than 40 patents of national invention,utility models and industrial design. With years' development, Aolan has grown into the leading enterprise in evaporative cooling and LDAC.

In the past years, Aolan has set up more than 40 branch offices, and Aolan products have been widely used in different fields, such as industry, trade, domestic & civil use, and communication (data center, base station) etc.

Aolan Luoyuan Manufacture Base

For international market, Aolan products have been approved by CE,SASO, BV, etc, and successfully exported to more than 70 countries and regions, including countries from Europe, America, Australia, Middle East, Asia, and Africa, etc.With years'development, Aolan has grown into a company who occupies the wide international market share.

China National Standards & Quality Certification

《Evaporative Air Cooler》
National Standard Maker

《Design of Heating, Ventilation and Air Conditioning of Industrial Buildings》
Participating Unit Of The National Standard

《Evaporative Cooling Media》
The Unit Responsible For Drafting The Industry Standard

《Requirements for Installation and Use of Evaporative Air Cooler》
The Unit Responsible For Drafting The Industry Standard

《Evaporative Air Conditioners for Computer and Data Processing Room》
The Unit Responsible For Drafting The Industry Standard

《Evaporative Cooling Refrigeration System Engineering Technical Regulations》
Industry Standard Participating Units

《Green Data Center Construction Technology Application Guide》
Industry Book Participating Units

《Engineering Technical Specifications for Temperature and Humidity Independent Control Air Conditioning System》
Association Standard Participating Unit

《Design and Installation of Evaporative Cooling Ventilation and Air Conditioning System》
Standard Design Atlas Participating Unit

《Data Center Evaporative Cooling Air Conditioning Technical Specifications》
The Group Standard Drafting Unit

《Data Center Evaporative Cooling Air Conditioning Equipment》
The Group Standard Drafting Unit

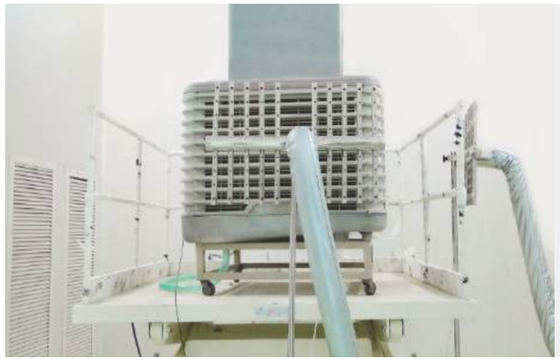
ROHS REACH CE BV

CQC SASO OSHMS CNAS

3C CRAA ISO 9001 ISO 14001

Laboratory Introduction

As a leading enterprise in China's evaporative cooling industry, AOLAN (Fujian) Industry Co., Ltd. has always attached great importance to the promotion of technology in enterprises development. At present, there are more than 50 R & D technicians.



In 2009, AOLAN signed a cooperation agreement with China General Machinery Research Institute to design and build the first national standard " double enthalpy difference" comprehensive performance laboratory according to the standards of national laboratory.

As an important part of AOLAN R & D system, the laboratory is responsible for the product development test, performance testing and other important tasks, and provides an important platform support for the upgrading of AOLAN products.

The laboratory will also become the transformation base of key technologies and new technologies in the industry, which will have a far-reaching impact on improving the sustainable innovation ability of China's evaporative cooling industry, realizing the leapfrog development of technology, and enhancing the competitiveness in the international market.

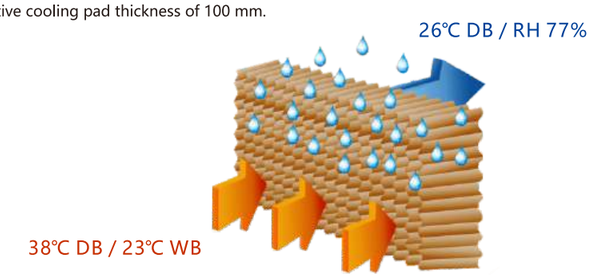
Cooling Pad Automatic Production Line

Evaporative Cooling Introduction

The honeycomb structure media made of high-grade corrugated fiber material by special process has the characteristics of good water absorption, high wet stiffness, anti-bacterial and anti-mildew, long service life etc.

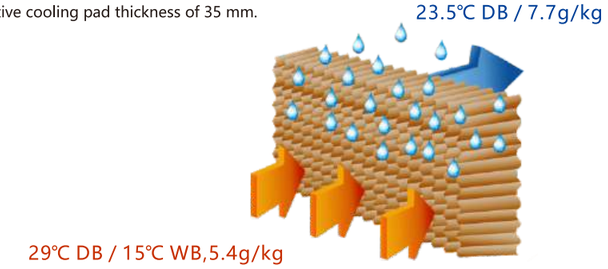
Outdoor fresh air cooling

* An example of a evaporative cooling pad thickness of 100 mm.

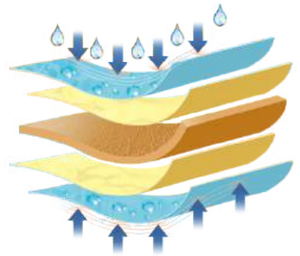


Humidify the indoor air

* An example of a evaporative cooling pad thickness of 35 mm.



Characteristics



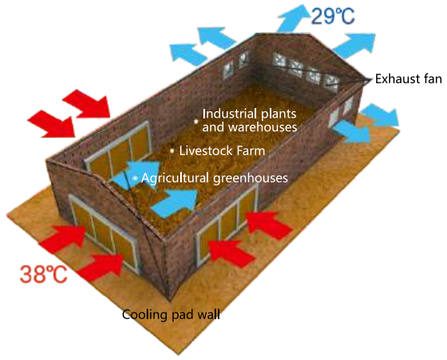
Choose imported long fiber pulp paper.

Two processes,four times curing increases wet stiffness and has long service life.

Choose high-quality phenol-free glue.

Intelligent temperature and humidity control, automatic production line.

Wet Film Cooling Humidification Solution



energy saving

Wet film cooling and humidifying system, including evaporative cooling pad fan and control system, use water evaporation to absorb heat in the air to increase air humidity and reduce the temperature, through the fan and evaporative cooling pad to achieve humidification and cooling, its power consumption is only 10 ~ 15% of mechanical refrigeration and electrode humidification. the components are simple, the structure is firm and durable, and the operation and maintenance cost is much lower than the traditional refrigeration method.

Fast cooling and humidifing

The evaporative cooling pad material has good hydrophilicity, high evaporation efficiency, the wet film cooling and humidifying system adopts large air flow fan, and the heat exchange and humidifying speed are fast.

Fresh air and Eoo-friendly

When the evaporative cooling pad is used, a layer of water film is formed on the surface, which has the functions of washing, filtering, deodorizing and so on, so as to make the air cleaner. The moist air makes the data room equipment free from static electricity and ensures the normal operation of the equipment.

Environmental protection , helping to achieve double carbon

The evaporative cooling pad and humidification system uses water as the refrigerant, without freon, to avoid the destruction of the ozone layer, energy sawing and elo-friendly, help achieve the goal of double carbon.

Evaporative Cooling Pad Maintenance

In order to ensure the evaporation efficiency of the evaporative cooling pad, the evaporative cooling pad should be cleaned frequently. It is recommended to wash it once a month,

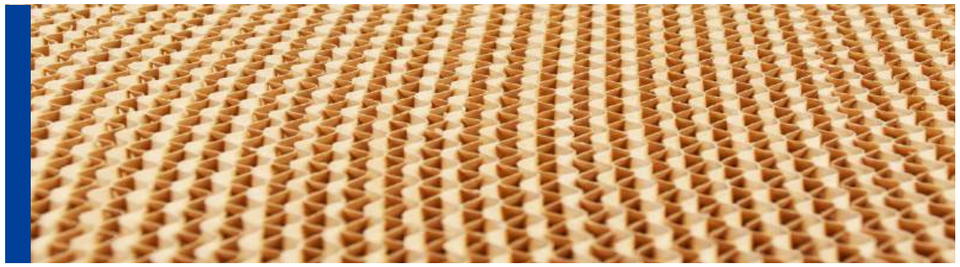
When washing the evaporative cooling pad, pay attention to the water pressure and water temperature should not be too high. It is recommended that the water pressure be less than 0.5mPa and the water temperature be less than 40 ° C,

Use a soft brush to gently brush away the dust adhering to the surface of the evaporative cooling pad.

Please replace the evaporative cooling pad in time if:

- Serious overall or partial damage.
- There is severe mildew visible to the naked eye.
- Severe magic erosion and strong fishy smell.
- Too much dust and can't be cleaned, seriously affecting the cooling effect.

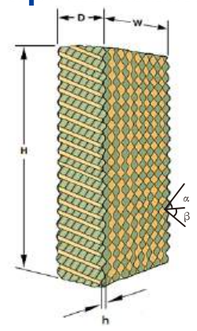
3590/5070/5090/7090 Evaporative Cooling Pad



Characteristics Of Evaporative Cooling Pad

- Good water absorption and high evaporation efficiency.
- Not easy to mildew, long service life.
- Manufactured with advanced technology, no water drift.
- High structural strength, easy and fast installation.
- Low pressure drop during operation and low operating costs.
- Eco-friendly glue, no smell, no pollution, manufactured with advanced technology, no floating.
- **The company's evaporative cooling pads have passed ROHS..REACH and other certifications.**

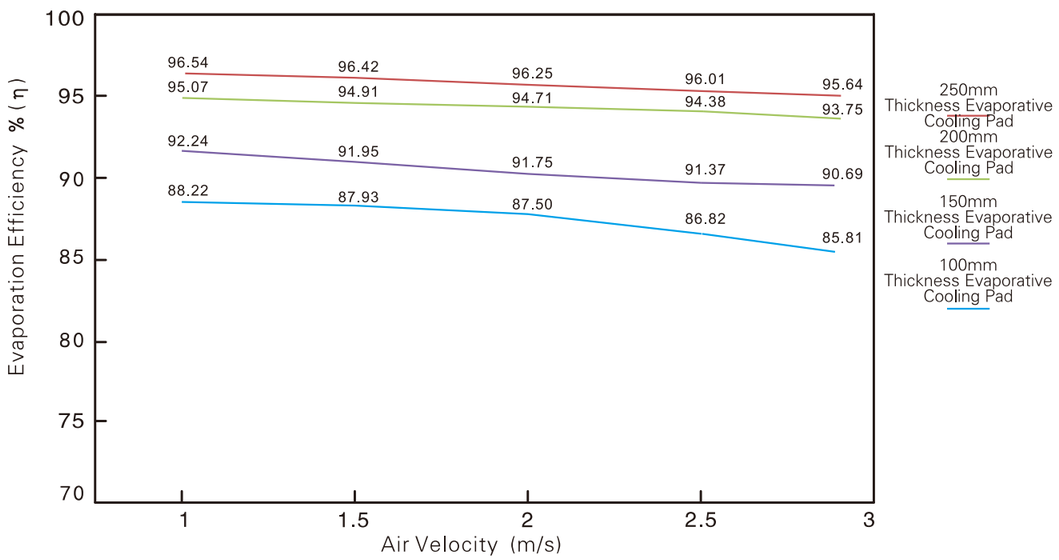
Evaporative Cooling Pad Specifications



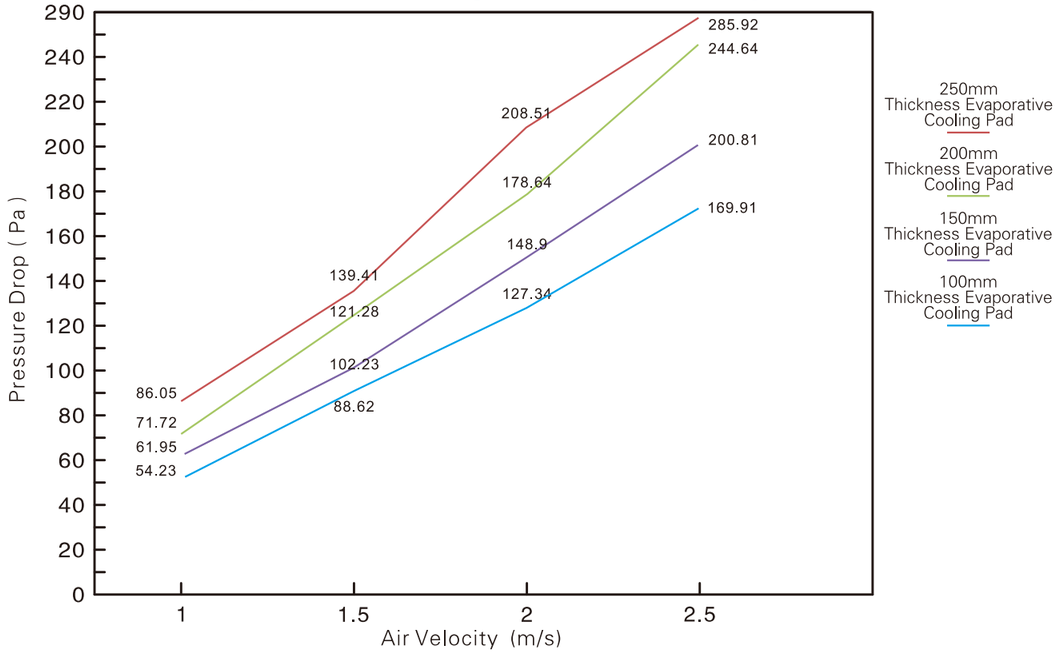
Model Specifications	Water Absorption	Water Absorption Height (mm/min)	Height H(mm)	Width W(mm)	Thickness D(mm)	Corrugation Height h(mm)	Corrugation Angle α、β (°)
ARN95J 3590 Type	≥280%	55/10	≤2000	≤1000	100~400	3.5	45
AEN95J 3590 Type	≥280%	55/10	≤2000	≤1000	100~400	3.5	45
ARN95J 5070 Type	≥262%	61/10	≤2000	≤1000	100~400	5	35
AEN95J 5070 Type	≥262%	61/10	≤2000	≤1000	100~400	5	35
ARN95J 5090 Type	≥255%	62/10	≤2000	≤1000	30~300	5	45
AEN95J 5090 Type	≥255%	62/10	≤2170	≤1000	30~300	5	45
ARN95J 7090 Type	≥238%	76/10	≤2170	≤1000	50~300	7	45

Marks: ● Please contact with Aolan for more models if you need
●Please refer to the attached table for specific model performance parameters

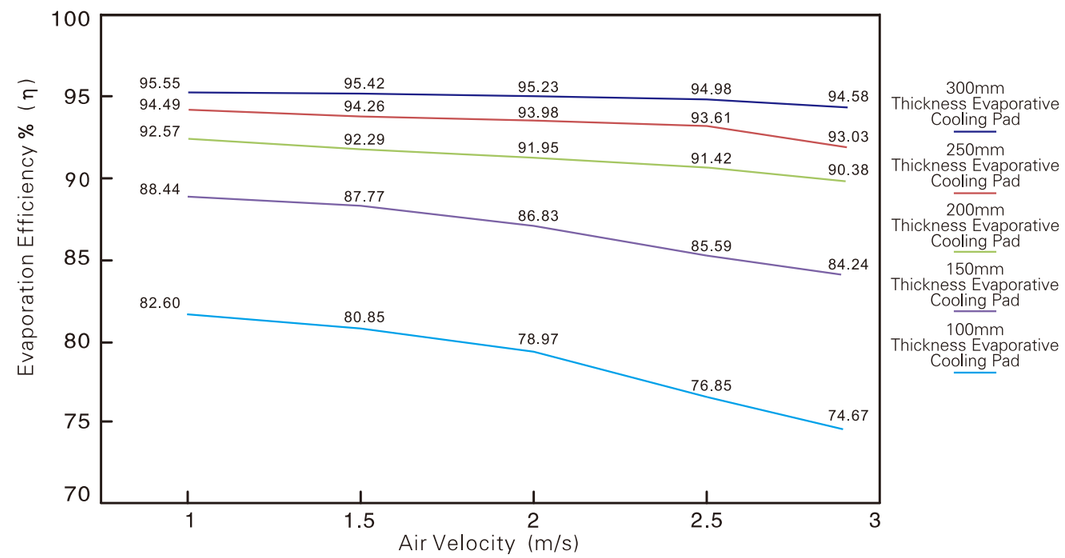
3590
Evaporative Cooling Pad Evaporation Efficiency



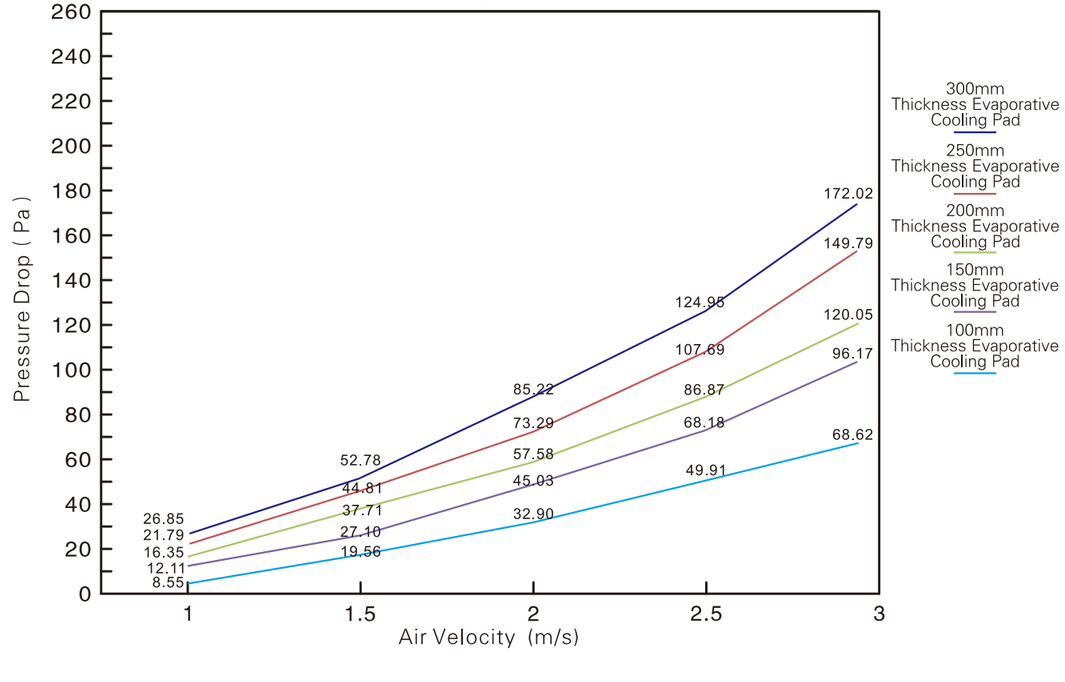
3590
Evaporative Cooling Pad Pressure Drop



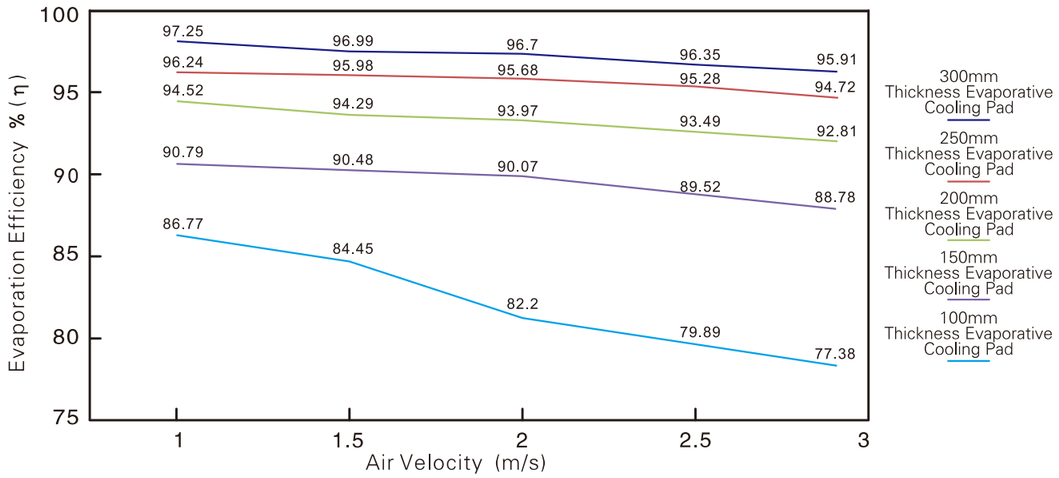
5070
Evaporative Cooling Pad Evaporation Efficiency



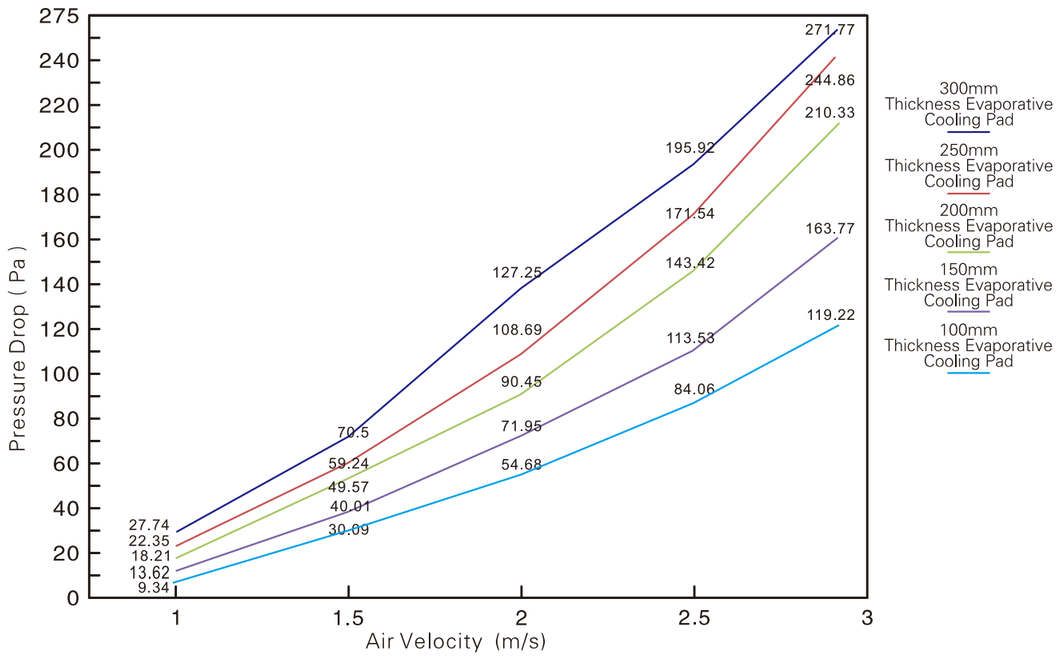
5070
Evaporative Cooling Pad Pressure Drop



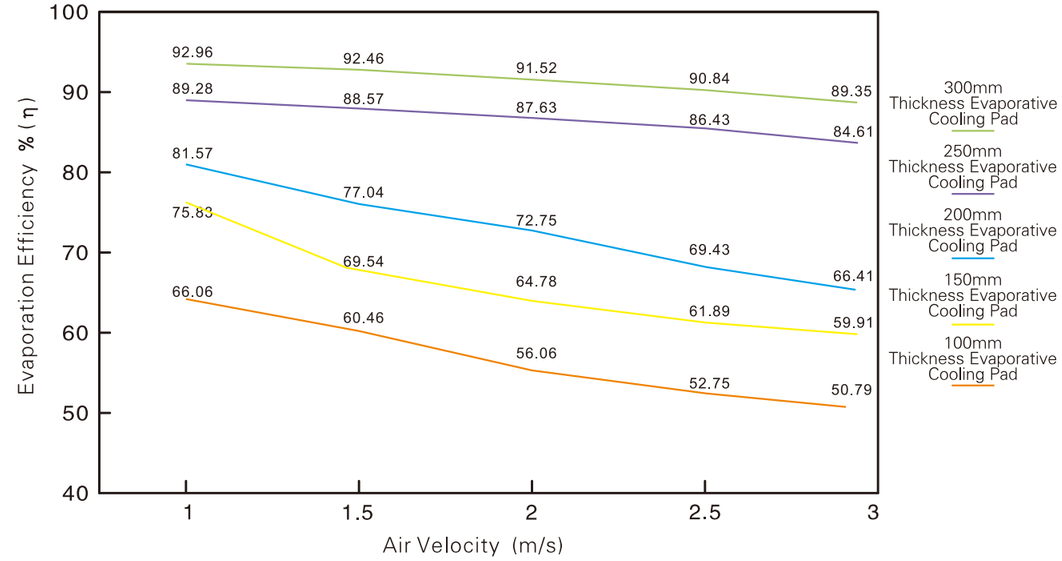
5090
Evaporative Cooling Pad Evaporation Efficiency



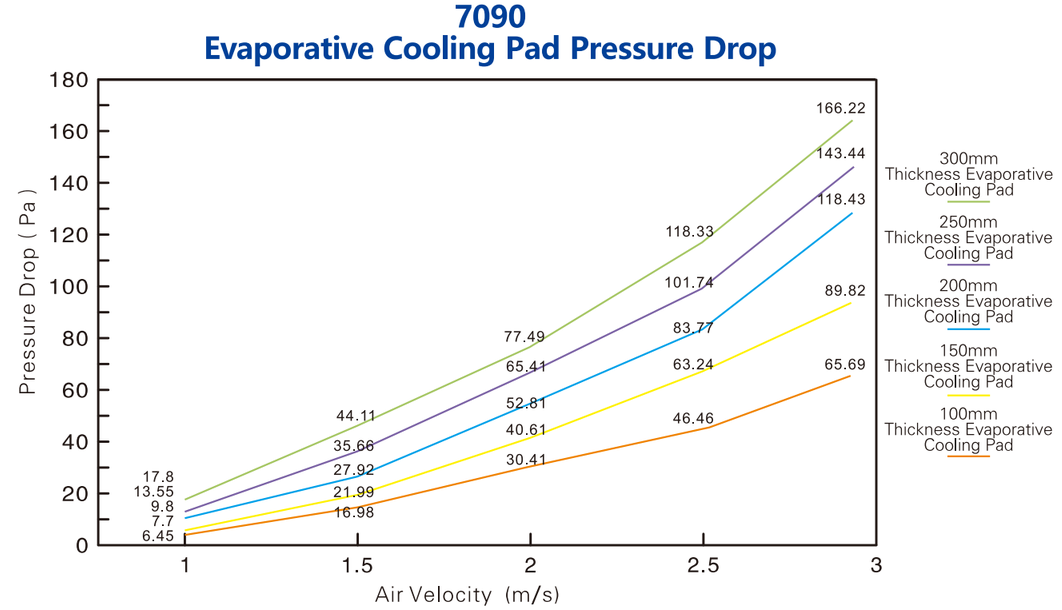
5090
Evaporative Cooling Pad Pressure Drop



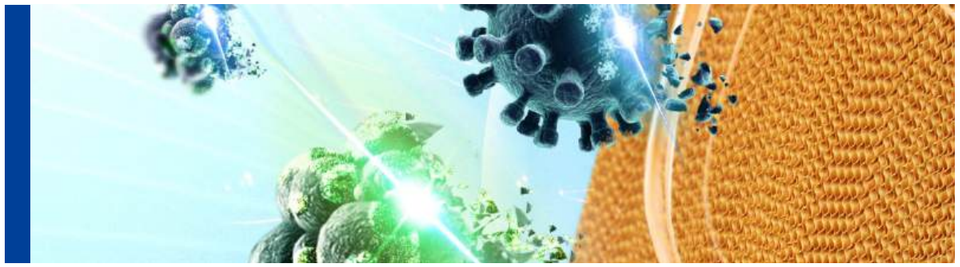
7090
Evaporative Cooling Pad Evaporation Efficiency



7090
Evaporative Cooling Pad Pressure Drop



Anti-bacterial & mildew Evaporative Cooling Pad



Characteristics Of Anti-bacterial & mildew Evaporative Cooling Pad

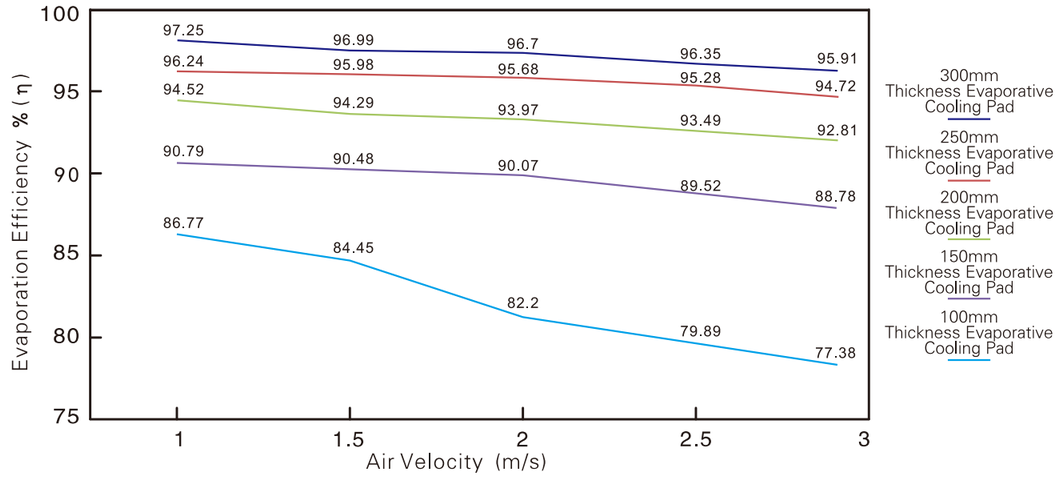
- Materials, it is macrofiber, good water-absorbing quality, less fragment, high saturability.
- Glue, what used is different with other suppliers, no benzene and aldehyde, that is why our evaporative cooling pad no odor, and eco-friendly.
- It has antibacterial, anti-mildew and anti-aging properties. Resistant to acid formation. Good chemical stability, no glass fiber components harmful to human body.
- Good performance, our evaporation effieciency is much higher , at present the evaporation effieciency in the market is around 75%, but ours can reach 82% and more.

Specifications Of Anti-bacterial & mildew Evaporative Cooling Pad

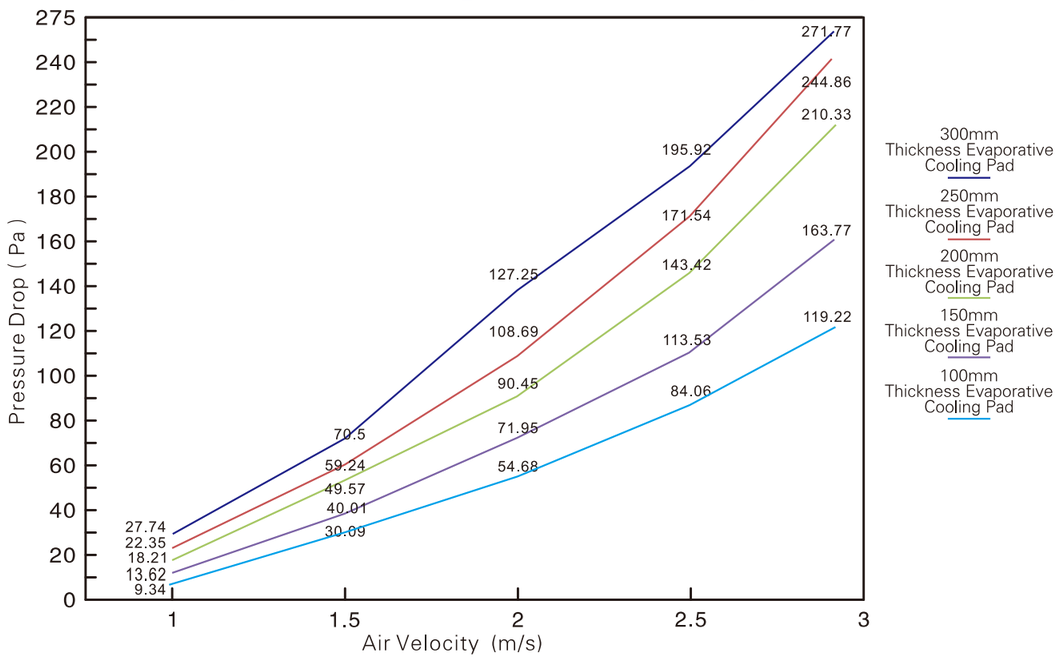
Model Specifications	Water Absorption	Water Absorption Height (mm/min)	Height H(mm)	Width W(mm)	Thickness D(mm)	Corrugation Height h(mm)	Corrugation Angle α、β (°)
AEN95J 5090A Type	≥255%	62/10	≤2170	≤1000	30~300	5	45

Marks: For specific model performance parameters, please refer to the standard evaporative cooling pad data on pages 09-12

Antibacterial AEN95J-5090A Evaporative Cooling Pad Evaporation Efficiency



Antibacterial AEN95J-5090A Evaporative Cooling Pad Pressure Drop



Fireproof Evaporative Cooling Pad

Characteristics Of Fireproof Evaporative Cooling Pad

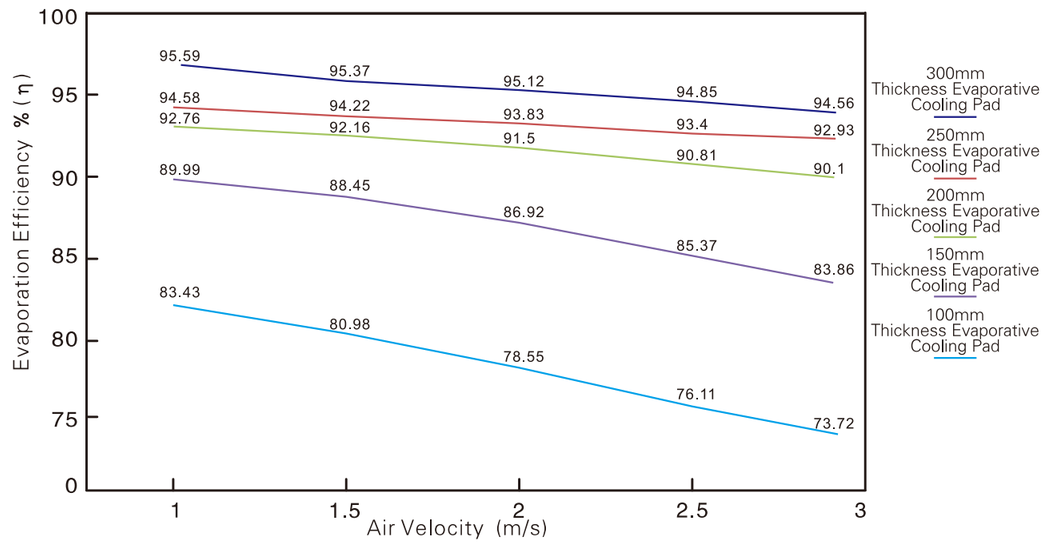
- Imported polymer organic-inorganic composite materials are processed and formed by special technology, and the structure is firm. long lasting.
- With B1 fire rating, the combustion performance will not be reduced due to water spraying.
- Good water absorption performance, high evaporation efficiency, good cooling and humidification effect.

Specifications Of Fireproof Evaporative Cooling Pad

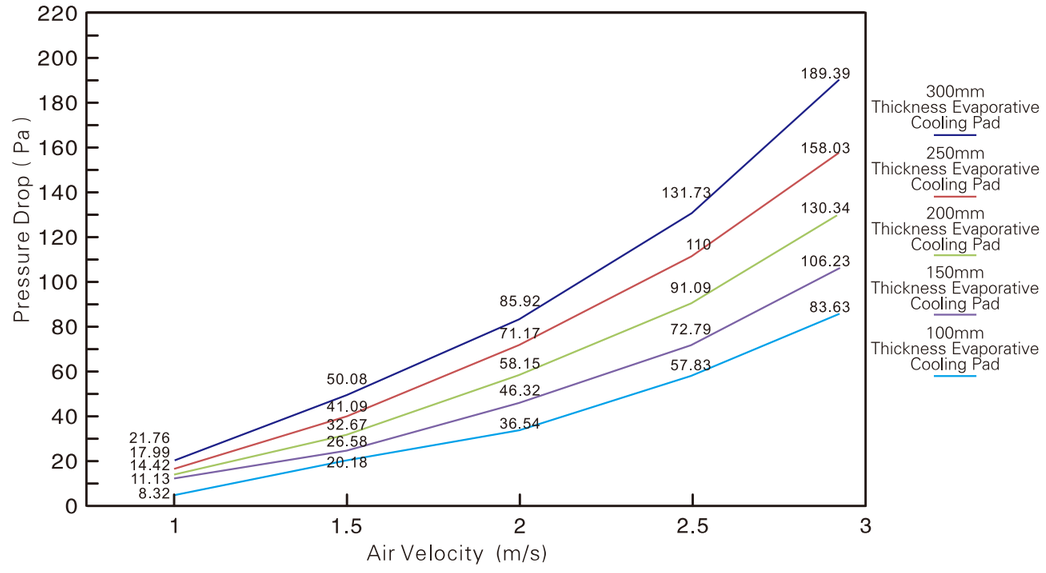
Model Specifications	Water Absorption	Water Absorption Height (mm/min)	Height H(mm)	Width W(mm)	Thickness D(mm)	Corrugation Height h(mm)	Corrugation Angle α、β (°)
ZF18M 6090 Type	≥255%	55/10	≤800	≤500	30~300	6	45
ZD100H 7090 Type	≥262%	61/10	≤800	≤500	50~300	7	45
ZB22Z 5090Type	≥255%	62/10	≤2170	≤1000	30~300	5	45
ZB22Z 7090 Type	≥238%	76/10	≤2170	≤1000	50~300	7	45

Marks: Please refer to the standard evaporative cooling pad data on pages 09-12 for the performance parameters of the 3590, 5070, 5090, 7090 models.

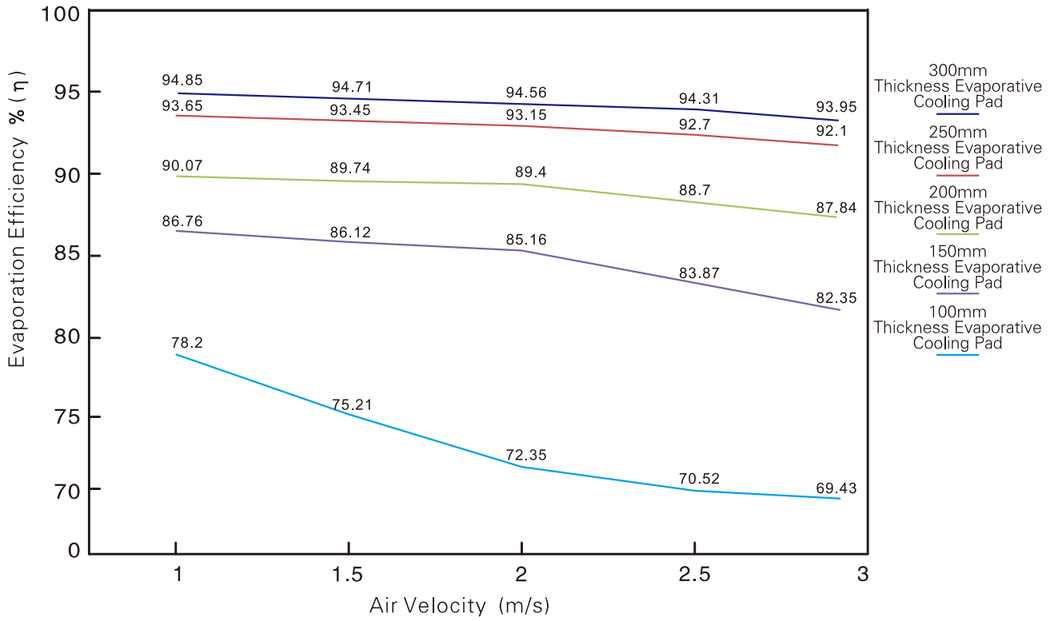
Fireproof ZF18M-6090 Evaporative Cooling Pad Evaporation Efficiency



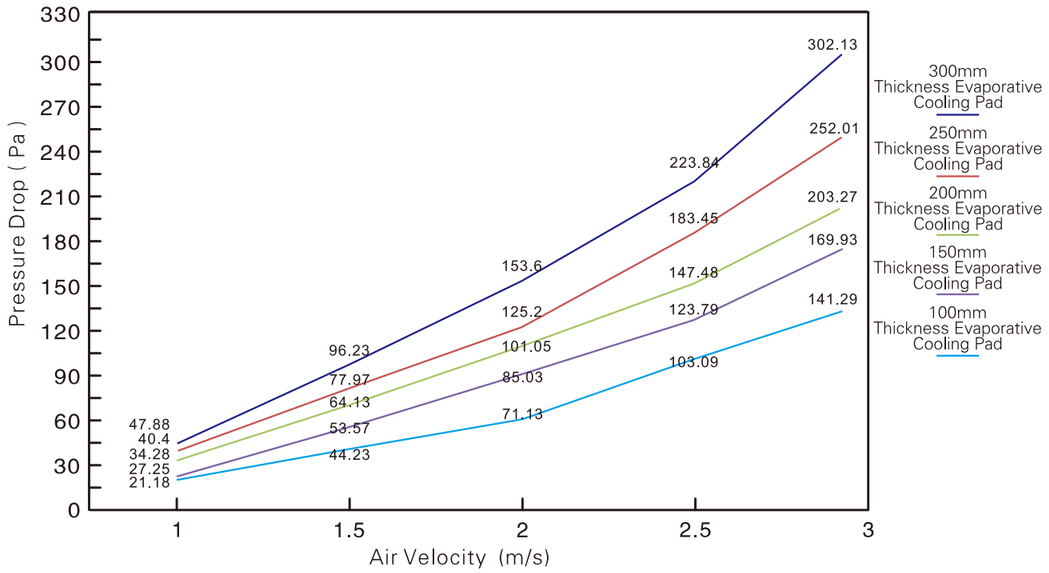
Fireproof ZF18M-6090 Evaporative Cooling Pad Pressure Drop



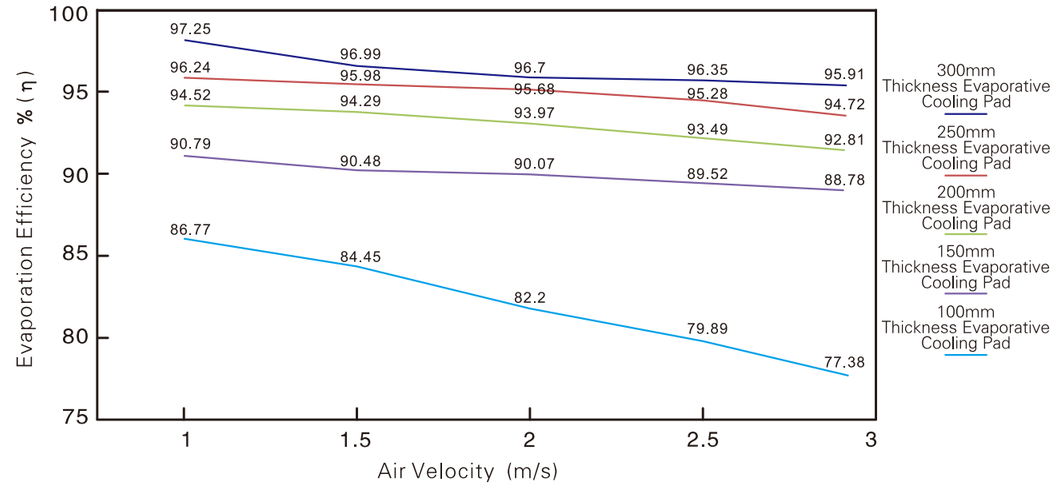
Fireproof ZD100H-7090
Evaporative Cooling Pad Evaporation Efficiency



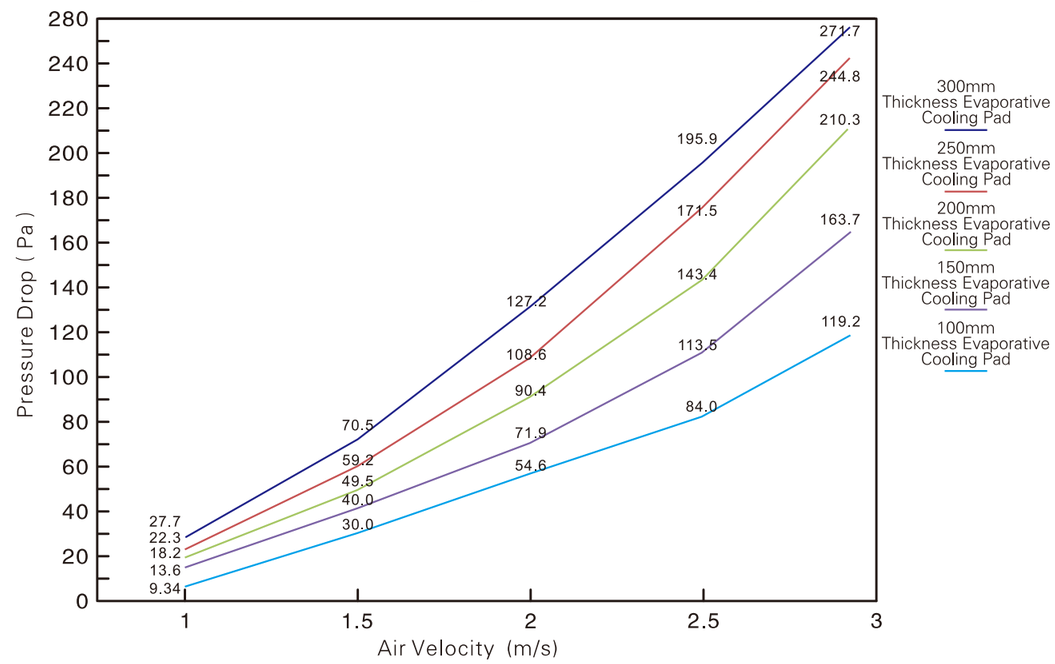
Fireproof ZD100H-7090
Evaporative Cooling Pad Pressure Drop



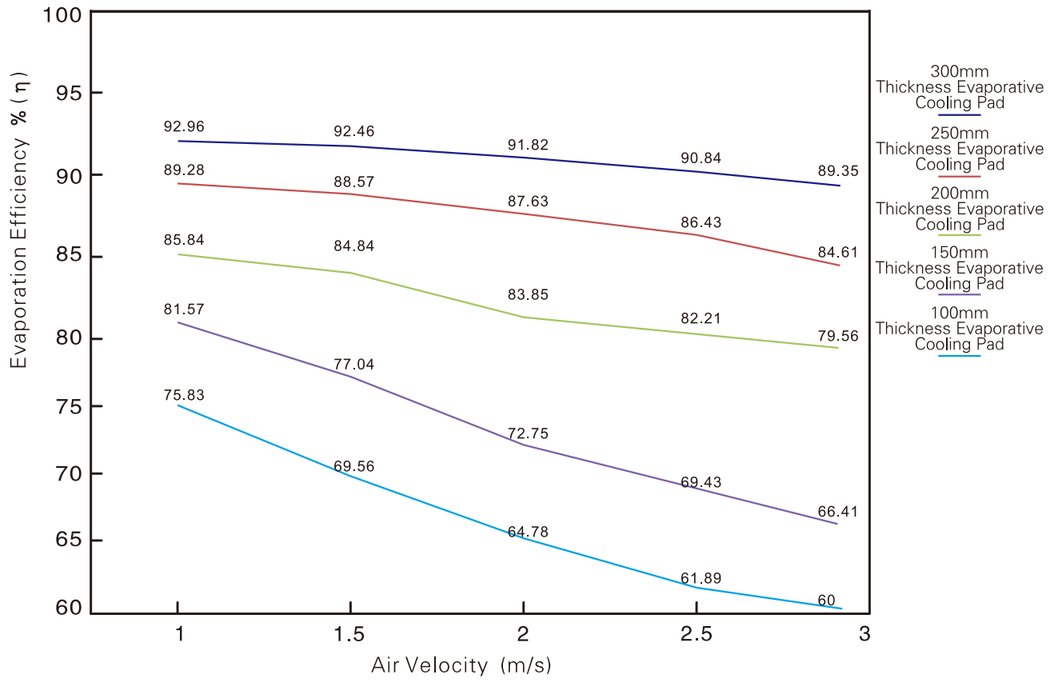
Fireproof ZB22Z-5090
Evaporative Cooling Pad Evaporation Efficiency



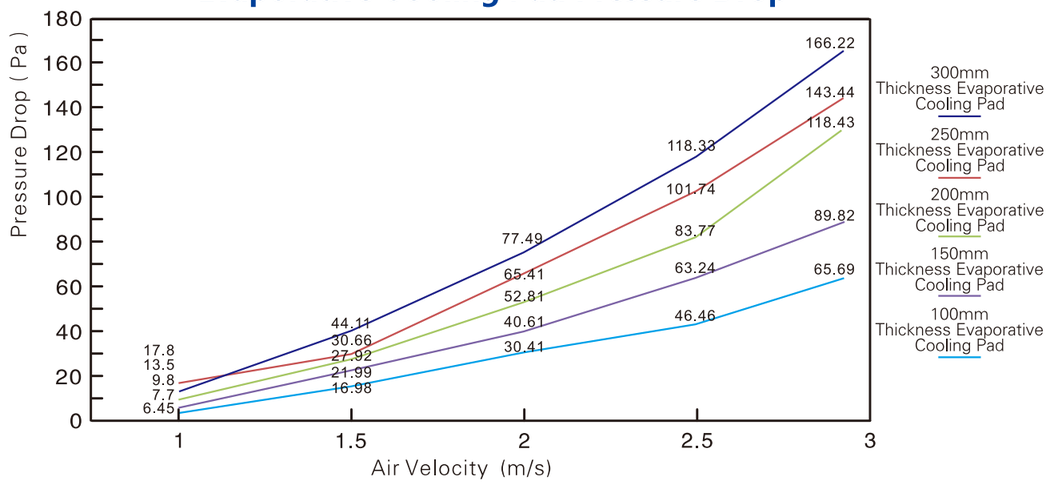
Fireproof ZB22Z-5090
Evaporative Cooling Pad Pressure Drop



Fireproof ZB22Z-7090
Evaporative Cooling Pad Evaporation Efficiency

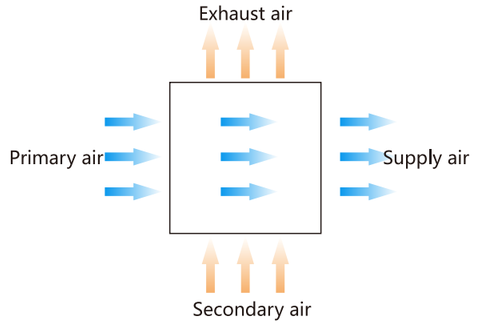


Fireproof ZB22Z-7090
Evaporative Cooling Pad Pressure Drop



Indirect Evaporative Air Cooler Heat Exchanger

Indirect Evaporative Air Cooler Heat Exchanger Working Principle



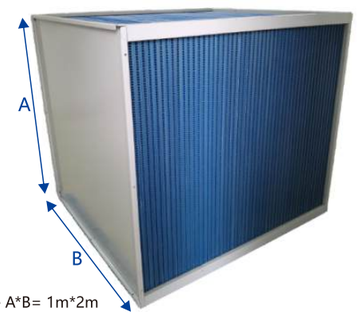
Through the indirect heat exchanger, the air to be treated (primary air) and the wet cold air (secondary air) obtained by direct evaporative cooling are exchanged for heat, so as to realize the effect of cooling during same humidity.

The Characteristic Of Indirect Evaporative Air Cooler Heat Exchanger

- The size of heat exchanger can be customized according to requirements.
- Modular combination for easy on-site assembly.
- The products made of ECO-friendly polymer materials.
- The product has good hydrophilicity and high evaporation efficiency.
- Preservative,strong weather resistance,high structural strength and good sealing.
- Washable and long working life.

Specification Of Indirect Evaporative Air Cooler Heat Exchanger

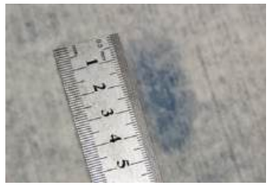
Model	face velocity (m/s)	evaporation efficiency (%)	Air resistance (Pa)
6mm Each piece distance	2.0~3.0	60~70	135~330
8mm Each piece distance	2.0~3.0	56~62	116~274
10mm Each piece distance	2.0~3.0	52~55	97~218
12mm Each piece distance	2.0~3.0	40~46	68~152



Marks: ● Size can be customized, the maximum size of heat exchange plate will be A*B= 1m*2m
● The thickness of testing cooling core is 1000mm

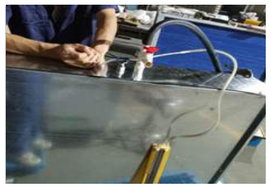
Reliability Verification Of Indirect Evaporative Air Cooler Heat Exchanger

Hydroscopicity Verification



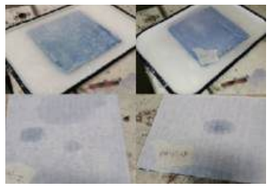
The expansion range of water absorption is 5cm.

Air Impermeability Verification



120mm water column, stand for 15 minutes, no leakage.

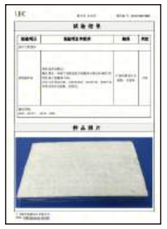
Acid And Alkali Resistance Verification



Soaked in PH=2 and PH=1 2 solution separately, took it out after 12hours, no abnormality were found.

Temperature Resistance Verification

No abnormality after being placed in an environment of 50°C-60°C for a whole day.



Test Report

Indirect Evaporative Air Cooler Heat Exchanger

Applicable to data centers, hospitals, schools, airports, high-speed rail station. Shopping malls, libraries, gymnasiums, exhibition halls, etc.

Indirect Evaporative Air Cooler For Public Medical Use

Assembling unit: Select 3 sets of Aolan´s dew point indirect evaporative air cooler units,Total fresh air volume of equipment: 60000 m3/h.
Project introduction: The project uses Aolan´s combined dew point indirect evaporative air cooler unit,As the cooling equipment for the public medical area on the outpatient floor of a hospital complex in northwest China,In summer and transition season, make the public medical area on all floors achieve a comfortable environment of ventilation and cooling,Provide fresh air meeting basic requirements in winter.

Wet Film Humidifier

Wet Film Humidifier Definition

Wet film humidifier is a built-in humidification device of air conditioner, mainly composed of evaporative Cooling pad, fan motor, fan blade, water pump, electric control, etc. The core component of the humidification system is the evaporative cooling media-wet film. Its material is made of plant fiber with special chemical raw materials, which has good water absorption, evaporation, non-toxic, acid and alkali resistance, mold resistance, flame retardant and provides the maximum contact surface area between water and air.

Principle Of Wet Film Humidifier

The water is sent to the sprinkler system by the pipeline through the upper water pump, and the lower part is a highly water-absorbing humidification material-wet film. Under the action of gravity, water penetrates downward along the evaporative Cooling pad material, and the water is absorbed by the evaporative Cooling pad material to form a uniform water film; when dry air passes through the evaporative Cooling pad material, the water molecules fully absorb the heat in the air and vaporize and evaporate, making the humidity of the air increases, creating moist air. An increase in the humidity of the air causes the temperature to drop, but the enthalpy of the air remains the same. Wet film humidifiers are divided into direct drainage humidification and circulating water humidification.

Wet Film Humidifier Features

Evaporative Cooling Pad

Imported long fiber material, with good water absorption, high wet stiffness, no mildew.

Water Distribution

Professionally designed PVC pipe, water distribution structure, reasonable flow, uniform water distribution, no wearing parts, the maintenance is convenient and simple, and the water inlet pipe joint is made of pure copper material, which is acid and alkali resistant and has a long service life

Edge Material

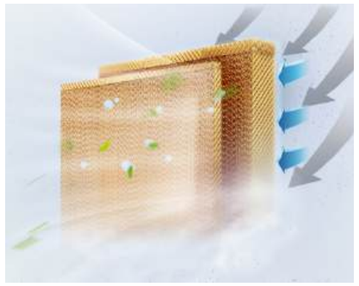
The top cover, side panels, and water tray of the wet film humidifier are all made of stainless steel to prevent rust from affecting the product life after long term use. at the same time, avoid the product rust and pollute the evaporative cooling pad which affects the quality of the air.

Patent Of AOLAN Wet Film Humidifier

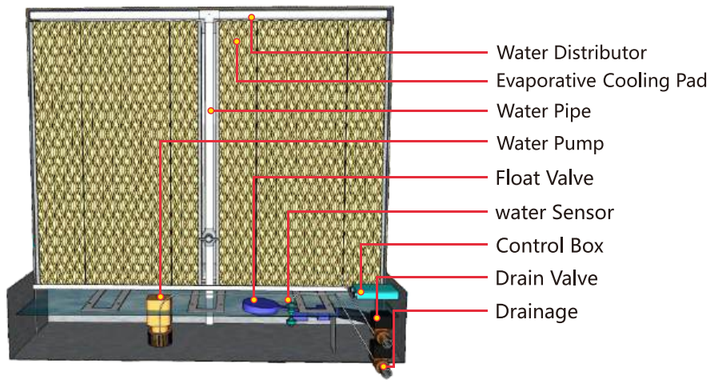
At present, the market of wet film humidifier application of water distribution structure, the common problems are:

① Water distribution water is uneven, resulting in poor evaporative Cooling pad, evaporation efficiency is not up to standard, and then affects the performance of the whole unit is not up to standard.

② Water outlet water flow concentration, water volume is too large. After the evaporative Cooling pad flow, easy to produce flying water phenomenon, affect the use of other equipment, easy to cause equipment leakage, especially for the wind load of the evaporative Cooling pad back side is more easier to produce leaking water;



Wet Film Humidifier Accessories



Evaporative Cooling Pad

Control Box

Water Pump

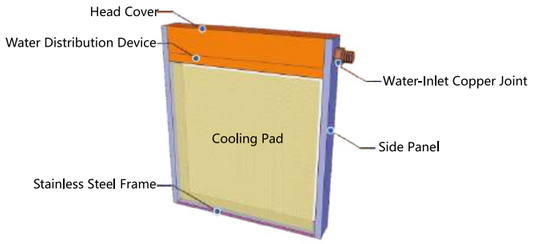
Solenoid Valve

water Sensor

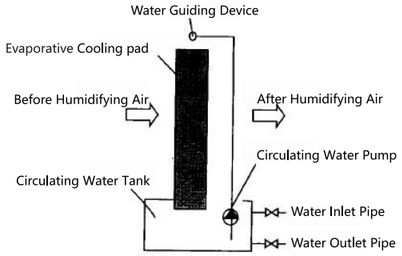
Float Valve

Wet Film Humidifier Structure

A. Direct Drainage And Humidification System



B. Circulating Water Humidification System

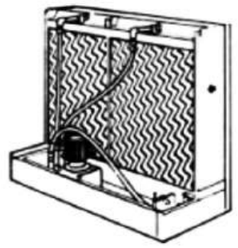


Direct Drain Type Wet Film Humidifier Working Principle

The clean tap water through the solenoid valve, then, send to the top water distributor of the evaporative cooling pad by water supply pipe. The water flows under the action of gravity along the surface of the evaporative cooling pad, so as to moisten the evaporative cooling pad´s surface, and the water flowing to the water connecting plate is discharged into the sewer pipe through the drainage bend, the water is not recycled. When the hot air passes through the evaporative Cooling pad, the humidity increases and the temperature drops. This humidification process is an equal enthalpy humidification process.
(Note: When the water temperature is lower than the dew point temperature, this process is the enthalpy red uction humidification process). In this process, part of the water on the evaporative cooling pad is evaporated without consuming extra energy!

Circulating Type Wet Film Humidifier Working Principle

Clean tap water enters the evaporative Cooling pad circulating water tank through the water inlet pipe, and the water entering the circulating water tank is controlled by a float ball and a liquid level switch. The water pump of the evaporative Cooling pad circulating water sends the water in the water tank to the cloth water at the top of the evaporative Cooling pad In the device, the water is evenly distributed into the evaporative Cooling pad through the water distributor. Due to the gravity, the water flows down along the surface of the evaporative Cooling pad, soaking the surface of the evaporative Cooling pad, and forming a vaporized layer on the surface of the evaporative Cooling pad. When the air passes , the water in the evaporation layer absorbs heat and evaporates, and the water left on the evaporative Cooling pad-part evaporates and vaporizes into the air, and the other part does not evaporate and flows into the circulating water tank, and then is pumped to the top of the evaporative Cooling pad by water, and the process cycle reciprocating, so as to achieve the purpose of humidifying and receiving water.



Fan Coil Humidifier

The filtered clean tap water will decompress the water with a certain pressure through the flow regulating valve,And make the water flow meet the flow requirement required by the humidification amount, and then pass through the solenoid valve to reach the water distributor of the evaporative Cooling pad host, distribute the water evenly on the surface of the evaporative Cooling pad, and the dry air will become humid air through the evaporative Cooling pad.

Application Place Of Wet Film Humidifier

The wet film humidifier is a clean and energy-saving new type of humidification equipment. Its main features are: no white powder phenomenon when humidifying the air, simple structure, low energy consumption because only the circulating water pump consumes power, and no special requirements for water quality. The air is purified and humidified. Therefore, it can be widely used in program-controlled , computer rooms, paper workshops, tobacco processing workshops, electronic production workshops, offices, modern living rooms, etc.

When water evaporates, it absorbs heat and has an air cooling effect, so wet film humidifiers can be widely used in the field of air conditioning. The outdoor air is directly sent to the room after being treated by the wet film humidifier. Using this form of air treatment in dry areas can meet the comfort requirements of indoor people with low energy consumption. In industrial places that require a large amount of ventilation.

For example, large and medium-sized grain depots can better improve the indoor environment of the grain depot with little investment in equipment when humidifying and tempering the grain, so that the grain can meet the processing requirements and improve the economic benefits of the enterprise. Combining humidification with air conditioners is a humidification system that assembles wet film humidifiers into air conditioners, which can pretreat outdoor fresh air, reduce energy consumption of air conditioners, and help improve the cooling efficiency of air conditioners. But also can improve or enhance the quality of indoor air environment. When the cooling load is small in the transitional season, the wet film humidifier can be used to process the air without turning on the refrigerator, which is conducive to the energy saving of the air conditioning system.

Wet Film Humidifier Application Case

Telecommunication Room

Telecommunication Room In The Pearl River Delta

Project introduction: The humidity requirement in the computer room is generally 40-60% and the temperature is constant, which is especially suitable for humidification with wet film. Clean and noiseless, it has the effect of washing and filtering the air, has the effect of humidifying and cooling, and can reduce the temperature by 3-5℃, which saves the energy consumption of air conditioning and cooling in disguise. It can humidify the air with equal enthalpy, and the wind resistance is small. The membrane body has good water absorption, water attachment and water immersion performance, and also has good ventilation and corrosion resistance. Functional modular design, can be combined arbitrarily, easy to install, low operation and maintenance costs.

Data Center Application Cases

Data Center In Hangzhou

Project introduction: The data center has high requirements for environmental humidity and energy saving. The wet film humidifier does not need to use electric heating to heat up the water to produce phase change evaporation, which can greatly save energy. Compared with the traditional electrode humidification system, it can save up to 95% of energy consumption. It is the green and energy-saving development of the data center. The inevitable trend. The ratio of humidification capacity to power of traditional electric humidification method is only 1-1.2, and the wet power ratio of wet film humidifier can reach up to 37. It can humidify the air with equal enthalpy, and the wind resistance is small. The membrane body has good water absorption, water attachment and water immersion performance, and also has good ventilation and corrosion resistance. Functional modular design, can be combined arbitrarily, easy to install, low operation and maintenance costs.。

Tobacco Industry Application Cases

Tobacco Company In Fujian

Project introduction: During the production and processing of cigarettes, each process in the production process has strict requirements on the environmental humidity. . The relative humidity can be controlled at 65-70% RH. With the increase of humidity, the water content of tobacco leaves increases, and the mechanical strength of tobacco leaves is enhanced. This can reduce the damage rate of tobacco leaves and shredded tobacco, and improve the yield and quality of finished products.

Printing Industry Application Cases

Printing Factory In North China

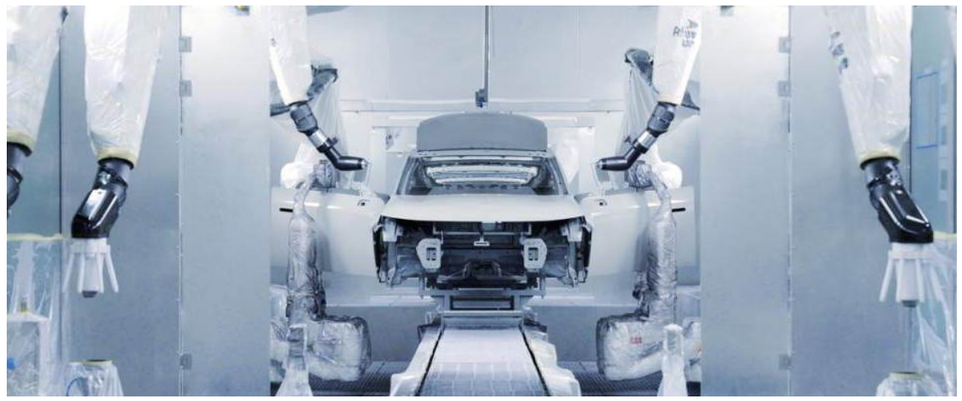
Project introduction: Printing quality is the life of a printing enterprise. To ensure high printing quality, not only good printing equipment, materials, professional technology, but also a good printing environment are required. The best working relative humidity in the printing workshop is controlled between 55 and 65% RH. This avoids the deformation of the paper and the dislocation of the color overprint. Static electricity can lead to the adsorption of dust on the surface of the paper during the printing process, affecting the quality of printed products. Static electricity can also cause the hidden danger of printing solvent volatile gas burning. Eliminate static electricity, ensure safe production, and improve printing efficiency and quality.

Textile Industry Application Case

Textile Factory In The South China Region

Project introduction: The relative humidity has a great influence on the quality of the fiber yam in the production process. Performance in the tide return rate, strong strength, extension length, softness and so on. The relative humidity of the textile workshop is controlled between 70-80% RH, the strength of the yam is enhanced, the breaking rate is reduced, reduce the flying hair phenomenon in the working environment, eliminate static electricity, can make the fiber stretching, combing, textile and other processes smoothly and improve the yield rate and quality.

Application Cases Of The Automotive Coating Industry



Automobile Painting Workshop In The South China

Project introduction: some entities in the car painting workshop such as: spray room, grinding, rubber room and other important process parts to install humidification device, such as the humidity depending on different season humidity to control between 40-80%RH, this can eliminate static electricity , static electricity is one of the influence painting technology, the elimination of the electrostatic can prevent paint volatile gas explosion accident. Avoid dust attached to the surface of the workpiece, creat a good space for the surface painting treatment of the workpiece, and improve the quality requirements of automobile assembly.

Electronics Industry Application Case

The Pearl River Delta Region Of A High-predsion Electronic Company

Project introduction: At present, the domestic electronic plant is becoming more and more strict. In order to ensure the factory quality of the products, the users must strictly control the temperature and humidity of the raw plant, especially the humidity. If too dry factory is easy to produce static electricity, CMOS drcuit damage(note: test shows that the relative humidity is 20%RH, plant static voltage is 10000V, relative humidity low to 10%, plant easy to produce 20000V voltage), in addition, too dry air can cause dust in the air, induce respiratory diseases, affect the workers' physical and mental health, reduce work efficiency! Generally speaking, the temperature of the electronics factory is controlled at about 22°C, and the relative humidity is controlled between 40-60%RH. In this environment, people feel comfortable, and the static electricity has disappeared !

Cold Storage And Preservation Industry Application Case

A Vegetable Food Processing Plant in Fujian

Project introduction: With the improvement of the people' s life quality, people have put forward higher requirements for the storage of fruits, vegetables, flowers and others, and the temperature and humidity in the library should be strictly controlled. When the temperature and humidity in the reservoir is insufficient, the relatively dry air will absorb water from the stored fruits and vegetables, resulting in the water loss, drying and relative humidity control of fruits and vegetables between 85-95%RH.

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