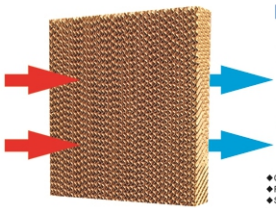
# 高强度湿帘 Cooling pad



## 性能特点:Performance characteristics:

- ◆ 波纹纸特殊处理，结构强度高，耐腐蚀，使用周期长。
- ◆ 具有优良的渗透吸水性，可以保证水均匀淋透整个湿帘墙。
- ◆ 特定的立体空间结构，为水与空气的热交换提供了最大的蒸发表面积。
- ◆ 外框有铝合金与镀锌板可选。

ZS湿帘降温系统的降温过程是在基核心-ZS纸垫内完成的。在波纹的纤维纸表面有层薄薄的水膜，当室外干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在水蒸气，这样经过处理后的凉爽湿润的空气就进入室内了。这自然的过程犹如风吹过水面一样。

“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。

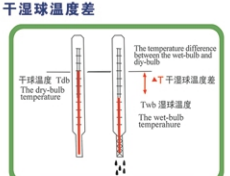
◆Corrugated paper has high intensity structure,corrosion resistant,long service life.
◆Fine percolating and absorbing water to ensure water drip wet the wall.
◆Specific stereoscopic structre.It can provide the largest evaporation surface area for heating exchanging between weater and air.
◆Outer fname can be alternative of aluminum alloy and galvanized board.

ZS cooling pad system is finished in the core- paper packing plate .
There is a thin water film on the surface of corrugated fiber paper , when the dry heating air outside is crossing the paper packing plate absorbed by wind machine , the water on the thin water film can absorb the heat of air and evaporate into steam , then the cool and humid air can enter the room after treatment .
The nature processing is just like wind blowing on the water level .
Ventilatim fan and cooling pad, best efficient and economic temperature drop measure in summer .



湿帘专用过滤器 Filter

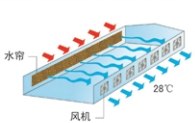
## ◎干湿球温度差



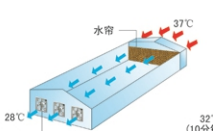

外界环境中的空气干球温度和湿球温度在每时刻是不同的。干球温度高湿球温度低，天气越炎热干湿球温度差越大，如图所示：

Temperature Of the dry ball and the wet ball is different at any time in the outside environ -ment. Temperature for thedry ball is high, and that of the wet ball is lower.The hotter weather,the bigger temperature gap between dry ball and wet ball.

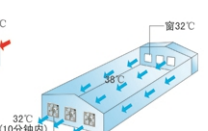
## ◎湿帘通风降温示意图




横向水帘降温系统
Lateral water curtain cools down system




纵向水帘降温系统
Longitudinal water curtain cools down system

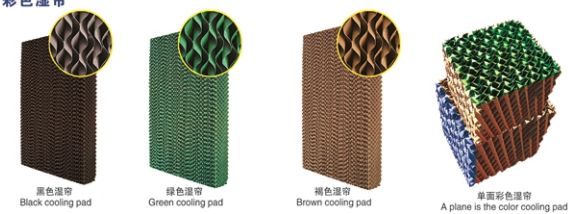



负压抽风系统
The convulsions system of negative pressure



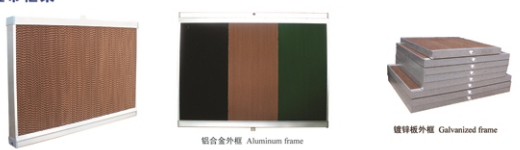
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## ◎彩色湿帘



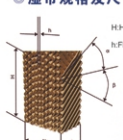
黑色湿帘 Black cooling pad
绿色湿帘 Green cooling pad
褐色湿帘 Brown cooling pad
单面彩色湿帘 A plane is the color cooling pad

## ◎湿帘框架



铝合金外框 Aluminum frame
镀锌板外框 Galvanized frame

## ◎湿帘规格及尺寸说明




H:Height W:Width D:Thickness
h:Flute high α:Across angle（1）β: Across angle（2）

| | 7090型 | 7060型 | 5090型 |
|---|---|---|---|
| H（mm） | 1500.1800.2000 | 1500.1800.2000 | 1500.1800.2000 |
| W（m） | 600.300 | 600.300 | 600.300 |
| D（m） | 100.150.200.300 | 100.150.200.300 | 100.150.200.300 |
| h（m） | 7 | 7 | 5 |
| α(°) | 45 | 15 | 45 |
| β(°) | 45 | 45 | 45 |

多种颜色可供选择
Various colors optional for you

## ◎湿帘安装示意图

