

湿帘主要用于禽舍降温、增湿。主要采用"湿帘—负压风机"模式,其工作原理:系统的降温过程是在其核心"湿帘纸"内完成的。当室外热空气被风机抽吸进入布满冷却水的湿帘纸时,冷却水由液态转化成气态的水分子,吸收空气中大量的热能从而使空气温度迅速下降,与室内的热空气混合后,通过负压风机排出室外。

Cooling pad is mainly used for poultry house cooling and humidification. The mode of "cooling pad-negative pressure fan" is mainly used, and the working principle goes like that: The cooling process of the cooling pad is completed in its core "cooling pad paper". When the outdoor hot air is sucked into the cooling pad paper covered with cooling water by the fan, the cooling water will be transformed from liquid to gaseous water molecules, which absorb a large amount of heat energy in the air, so that the temperature of the air drops rapidly. After being mixed with indoor hot air, it will be discharged outdoors by the negative pressure fan.

# 青岛大牧人机械股份有限公司 Big Herdsman Machinery CO.,LTD



## 技术说明/Technical Description

湿帘分为铝合金湿帘和深水槽湿帘两种。

Cooling pad system comprises cooling pad-aluminum alloy frame and PVC frame with water trough cool pad.

- ●铝合金湿帘框架采用铝合金材质,美观实用,强度高。
- ●深水槽湿帘下水槽为PVC深水槽,自带储水功能,不需额外修设水池。
- ●湿帘主进水管路加装过滤器,过滤精度高,防止水中杂质堵塞喷水管及湿帘纸。
- •Cooling pad-aluminum alloy frame uses aluminum alloy as frame material, which is practical, good-looking and has high strength.
- ●PVC frame with water trough cool pad uses PVC water trough, which has water storage function, so there is no need to build additional water pool.
- •Main water inlet piping of cooling pad system is equipped with filter of high fineness, so as to prevent the spray pipe and the cooling pad paper from being clogged by impurities in water.

#### 大牧人公司有多种规格型号的湿帘纸可供选择。

单块湿帘纸厚度0.15m, 宽度0.6m, 高度有1m、1.5m、1.8m、2.0m多种规格, 同时还可加高安装; 角度型号有7090(45°x 45°)和7060(45°x 15°), 外观可选择常规不涂黑或单面涂黑型式。

Big Herdsman provides many kinds of cooling pad papers to choose from. A single piece of cooling pad paper has a thickness of 0.15m, a width of 0.6m and a height of 1m, 1.5m, 1.8m and 2.0m respectively. At the same time, it can be installed by heightening. The angle models are 7090 (45°× 45°) and 7060 (45°×15°), and the appearance options of conventional non-blackening and single-sided blackening are available.

#### 常规自吸循环水泵参数:

Parameters of conventional self-priming circulating water pump:

水泵型号 Model of water pump	额定功率 Rated power	最大流量 Maximum flow rate	最大扬程 Maximum lift	额定电源 Rated supply voltage	湿帘纸长度 Length of cooling pad paper
HLS-370	0.37KW	180L/min	9m	220V/50HZ	小于9米 Less than 9m
HLS-550	0.55KW	215L/min	10m	220V/50HZ	9米—15米 9m~15m
HLS-900	0.9KW	300L/min	13m	220V/50Hz	15米—25米 15m~25m
HL-150	1.1KW	460L/min	17m	220V/50Hz	25米—35米 25m~35m







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