



HPC 4545

HPC (Humidifying Panel Cellulose – 45° x 45°)

Is a Humidifying pad obtained by the assembly of wavy cellulose sheets , which are soaked of additives and resins. These chemicals confer a great mechanical resistance, making the pad self-supporting. Besides it is UV-resistant, it contains biocides which inhibit the mould formation, increasing the useful product duration.

Working Principle

The working principle is very simple ad it is a natural process. Water is feed by a pump from the panel top and is suitably distributed by a distribution system, which uniformly wets the entire surface. The air which pass through the panel is then cooled and humidified.

Applications:

The HPC Humidifying panel is used in many applications where the maximum humidification are required, keeping down the air pressure drop.

The principal systems where it is used are:

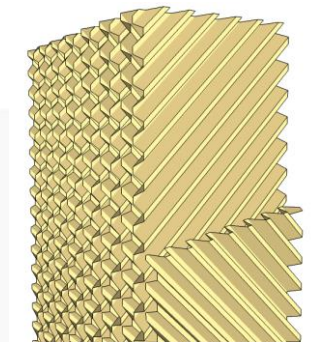
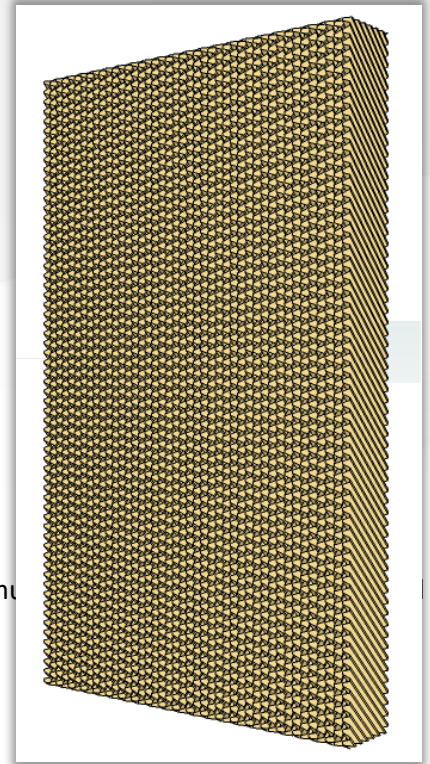
- ❖ Humidification Sections
- ❖ Air adiabatic coolers
- ❖ evaporative radiators

Principal Advantages:

- ❖ High Efficiency
- ❖ Low Air Pressure Drop
- ❖ Self-Supporting
- ❖ Low Exercise Costs
- ❖ Fast Installation
- ❖ Long Useful Duration
- ❖ UV Resistant

We Recommend:

- ❖ Humidification Section Periodic Control
- ❖ Foresee intermediate water distribution systems for section taller than 2 m
- ❖ Avoid the use of hard water
- ❖ Avoid the use of demineralized water





Humidifying Panels

Standard Pad Sizes:

Height (mm)	1000	1500	2000
Width (mm)		600	
Depth (mm)	100	150	200

Pieces per Box

Depth 100 mm	10 pcs	Depth 100 mm	10 pcs
Depth 150 mm	6 pcs	Depth 150 mm	6 pcs
Depth 200 mm	5 pcs	Depth 200 mm	5 pcs

Pieces per Box

