



HPG 7

We recommend:

- ❖ Periodic check of the humidification sections
- ❖ Provide intermediate water distribution systems for sections with a height greater than 2 m
- ❖ Do not use particularly hard water
- ❖ Do not use demineralized water

HPG (Humidifying Panel Glass fiber – 7 mm)

is a self-supporting humidification panel made with corrugated sheets in Glass fiber. Glass fiber offers certain advantages: an excellent ability to absorb water (wetting); incombustibility and therefore resistant to fire; it is inorganic and inhibits the formation of mold.

All these properties increase the useful life of the product.

Operating temperature range: -5 / +180 °C

Working Principle:

The working principle is very simple and it is a natural process.

Water is fed by a pump from the panel top and is suitably distributed by a distribution system, which uniformly wets the entire surface.

The air which passes through the panel is then cooled and humidified.

•Applications:

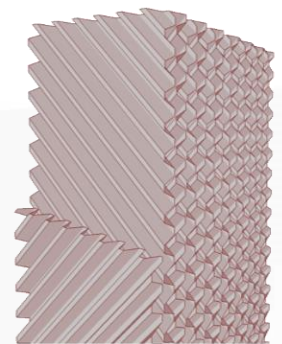
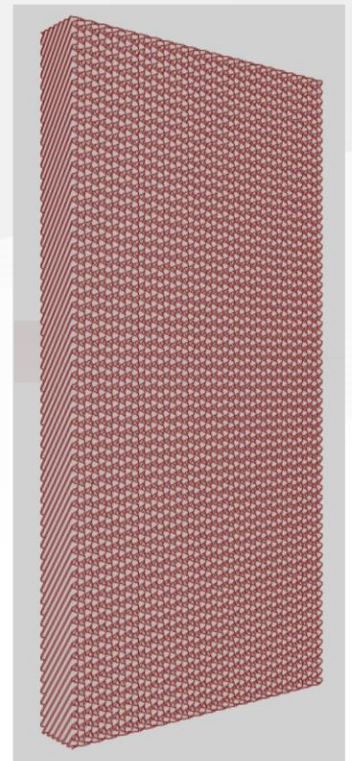
The HPC Humidifying panel is used in many applications where the maximum efficiencies of air cooling and humidification are required, keeping down the air pressure drop.

The principal systems where it is used are:

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

•Principal Advantages:

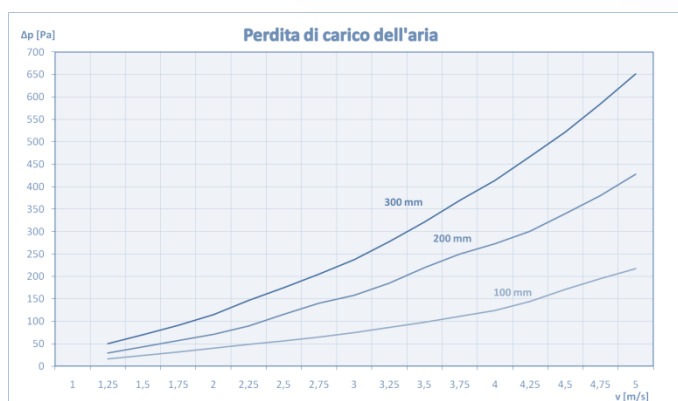
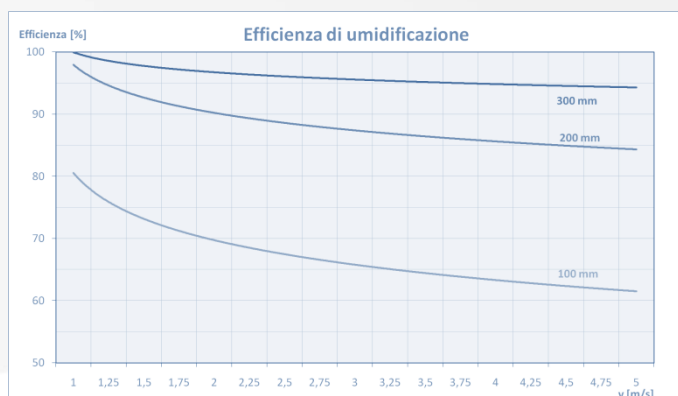
- ❖ High Efficiency
- ❖ Low Air Pressure Drop
- ❖ Self-Supporting
- ❖ Low Exercise Costs
- ❖ Fast Installation
- ❖ Long Useful Duration
- ❖ Incombustible (class A2, S1 e D0, according to European standards EN ISO 1182 and 13823(SBI))





Technical data

Humidifying Panels



Standard Pads Sizes:

Height (mm)	1000	1500	2000
Width (mm)		600	
Depth (mm)	100	200	300