

## PAD HUMIDIFYING FILL



The **pad** humidifying pack is used as humidification section of air handling units and in adiabatic coolers. It is made of absorbent cellulose sheets impregnated of resin that as well as contributing to its consistency and self carrying capacity, protect it from decomposition and inhibit the formation of mould.

The pack is made of corrugated cellulose sheets, crossed and glued together with non toxic adhesive, without phenolic resins.

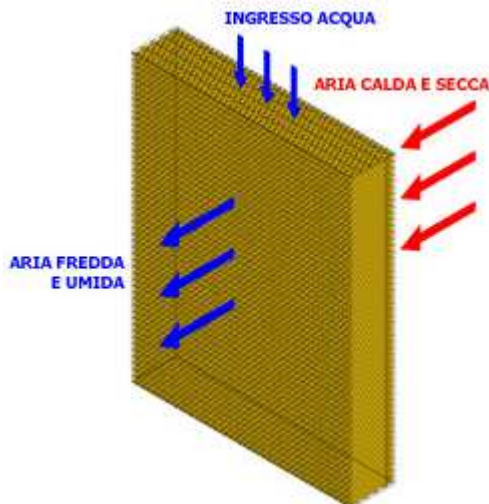
This pack conformation determinate a great exchange surface between the air and water and an elevated efficiency.

The working principle is simple, and consists in wetting the entire panel with a suitable distribution system, in order to prevent dry zones that would reduce the efficiency. The air that pass through the panel is humidified and refreshed (the result depends on the exercise conditions).

## FUNDAMENTAL CHARACTERISTICS

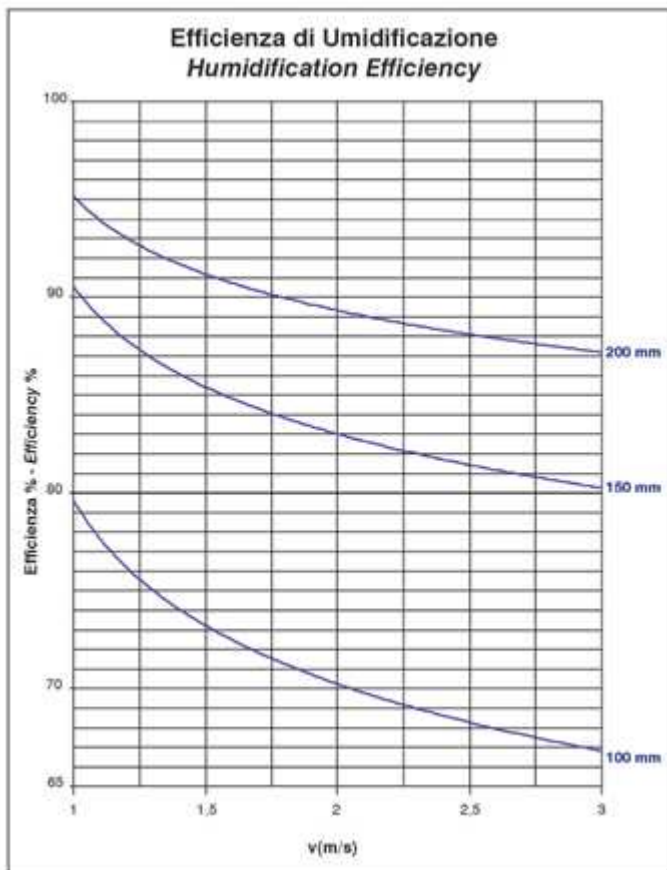
The fundamental characteristics of the pad humidifying pack are:

- Elevated efficiency
- Low air pressure drop
- Low exercise costs
- Little installation time



To obtain a good efficiency and suitable health conditions it is advisable a periodic control of the humidifying section. If the Humidification section is taller than 2,0 m, it is possible that the lowest part of the section remains dry. Therefore we suggest, for large humidification sections, to plan an intermediate water distribution system.

## TECNHICAL SPECIFICATIONS



PANEL THICKNESS	HEIGHT mm	WIDTH mm	PACKAGING PIECES	PACKAGING m <sup>2</sup>
<b>100 mm</b>	1000	500	10	5
	1500	500	10	7,5
	2000	500	10	10
<b>150 mm</b>	1000	500	6	3
	1500	500	6	4,5
	2000	500	6	6
<b>200 mm</b>	1000	500	5	2,5
	1500	500	5	3,75
	2000	500	5	5