

HEF
evaporative
coolers



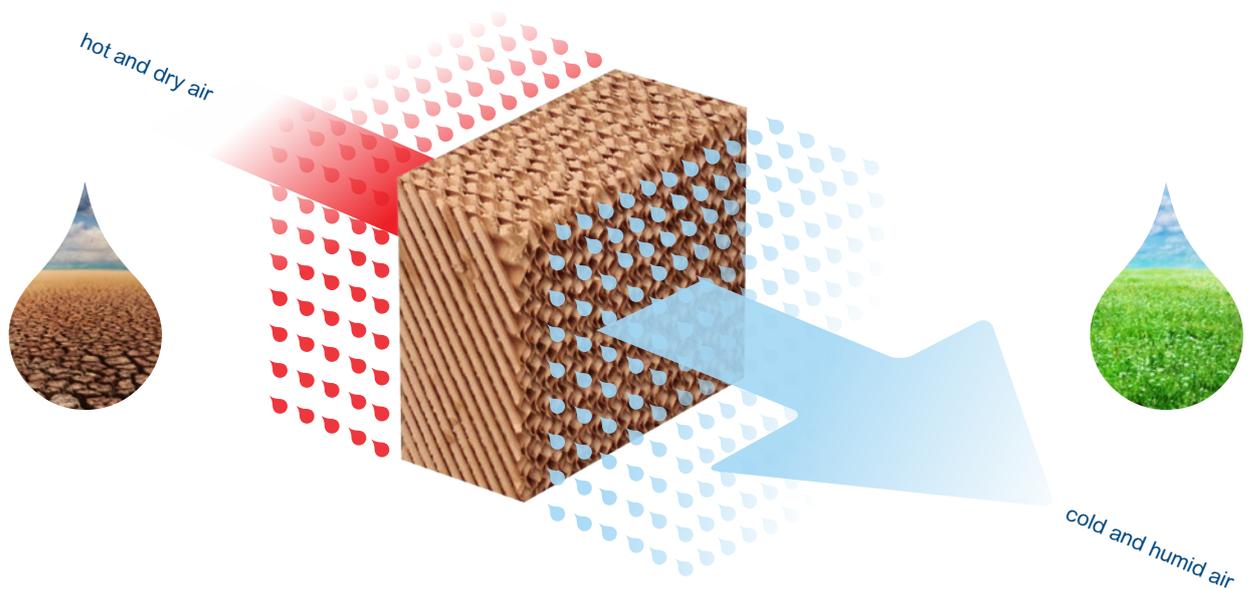
HEF evaporative coolers

NATURALLY COOLING

Dry air has a huge natural capacity for cooling by exchanging heat for water:

- Our units are designed to make this interchange highly efficient and hygienic.
- They range from the most hygienic systems for treating the air in buildings used by people, to larger units capable of cooling large industrial premises, and obtaining major savings as well as thermal wellbeing.

Low energy consumption operating principle



HEF2E series the most hygienic and the most efficient

Contact panel evaporative humidifiers with the highest performance on the market by high efficiency to low pressure drop, and certified hygiene.



HEF3-CAD series low height solution

The hygienic range for low heights to enable the use of these systems in false ceilings in commercial premises and offices. The lost water design reduces energy consumption and is a huge aid to maintenance.



HEF4 series free-blowing cooling unit

Evaporative coolers that minimize installation costs because they do not require the installation of air pipes. Resistant and simple.



HEF5 series big volumes, cool to be ducted

Systems equipped with high pressure fans to enable the HVAC of large buildings using only water for refrigeration. Robust and safe construction.



HEF7 series to cool the cooling

Evaporative cooler for air-condensed water chillers. High-efficiency and minimal pressure drop panel. Prevention of the deterioration of the batteries of the direct water atomization systems.





Typical applications

Basically, evaporative humidifiers are employed whenever it is necessary to increase the humidity content of a directed current of air. They are very common in the following cases:



Air-handling units for evaporative cooling in large industrial premises.



Air supply units for painting and varnishing chambers.



Pre-coolers for condensing units.



Pre-coolers for gas turbines and cogeneration combustion engines.



Air-handling units for the textile industry, graphical arts, wood manufacturing and other hygroscopic products.



Food and agriculture industry.

Fisair Selection Tool

DESCRIPTION AND ADVANTAGES:

- The Fisair Selection Tool, for the Evaporative Humidifiers/Coolers, it is a unique selection tool in the market. With this tool it is possible to select the best solution for each specific project and application.
- It is possible to print a detailed "Technical Specification Sheet" with all technical data needed to select the unit and to set up the unit for the commissioning and operation. The list price is included in each selection.
- Easy, simple and very intuitive to work it allows to select in a few minutes several units for one or more projects and print it all in the same document.
- Provide technical drawings and to allow AHUs OEMs to know exactly the space they need to install.
- Contains a library with documentation (reference example, connections drawings, commercial brochure and technical manual) to allow the AHUs OEMs to develop a fast and independent work.
- Available for free to our partners and it is available in DLL format for the manufacturers.

