

A SOLUTION FOR HUMIDIFICATION AND DECARBONATED COOLING



Devatec plant.

Isothermic or adiabatic humidification systems

For pharmaceutical industry, micro computing, data centers, food storage and the tertiary sector (hospitals, hotels, museums, schools, universities)

The only French manufacturer that offers a complete range, in order to guide each customer to the system that meets his needs. In short circuit, for short deadlines



EvaPack™ humidifier & adiabatic cooler.

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For 40 years, Devatec's humidification systems "made in Normandy" have been exported up to China. In France, they are also appreciated by climate engineers faced with the need to find eco-responsible, innovative solutions to control humidity in a hospital room or a paint booth. In addition to its clearly documented effectiveness, the Armstrong EvaPack™ system has the advantage of participating in the decarbonization of companies.

Its principle: a natural, adiabatic evaporation process for softened or osmoted tap water to protect people as well as processes. The air that passes through a rigid and wet media is humidified and cooled, using the sensitive heat of the air.

HYGIENIC AND ECONOMICAL

In 2016, Devatec developed the EvaPack™, an adiabatic humidifier design sophisticated enough to meet the needs of hygiene, on the one hand, and precision control, on the other.

Depending on the size of the rooms and their use, in particular, this perfectly hygienic and responsive solution forms an alternative to traditional humidifiers. The EvaPack™ system makes it possible to define and control the amount of water sprinkled on the media in order to obtain precisely the desired humidity level.



ELMC electrode steam humidifier.



RTH resistance steam humidifier.

"Connectable to a CTM (centralized technical management) network, the EvaPack™ has received the most demanding certifications, in Europe (German VDI6022) and in the United States (the Greenguard Gold)", says sales manager Philippe Armanni.

Moreover, this model does not require heating water, and can be combined with the energy efficiency of using a heat pump to heat the air. Sober and cost effective, the EvaPack™ is just as relevant for a small data center, with a capacity of 1,000 m³ /h, as it is for spaces requiring equipment of over 500,000 m³/h.

A strong French identity within a global group

Now part of the American Group Armstrong, which has been manufacturing its own humidifiers since the 1930s, Devatec remains faithful to the hallmarks that have made it successful. "These choices are consistent with a high level of demand to satisfy the need for responsiveness of customers: the short circuit is a strong marker of the company," emphasizes sales manager Philippe Armanni.

Surrounded by subcontractors from Normandy, the Devatec team ensures the assembly and final control of all models. The replacement of spare parts is guaranteed even for models manufactured more than 20 years ago.

This means that even the exceptional demands generated by the Covid can be handled without any breakage.

Within a group of 3,000 employees, the French team plays a special role: the six engineers of the R&D humidification division remain in Seine-Maritime.

A recent decision further demonstrates Devatec's commitment to the environment: for the past 3 years, the plastic cylinders of the electrode humidifiers are no longer disposable, but can be completely cleaned with totally recyclable components.