



# The SPILOTAIR



Quality



Profitability



Health



Sustainable development



# The SPILOTAIR, regulation process building heat

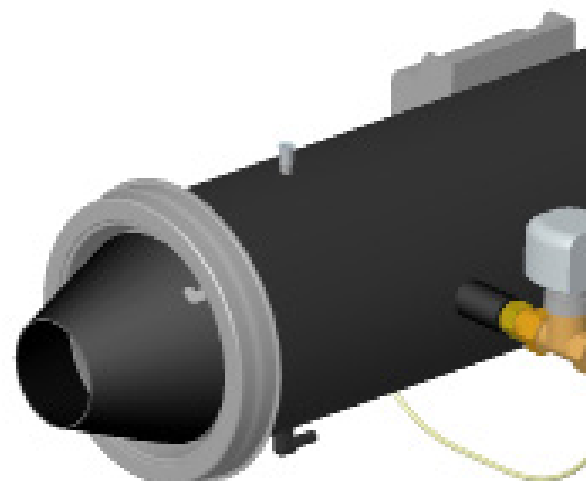
## The SPILOTAIR has kept its promises

The **Spirec SPILOTAIR** is more than an all-air heating and cooling terminal. It is a building **thermal control process** that uses air and water for the greatest comfort of users and their health safety.

**Proven for more than 25 years**, Spirec's SPILOTAIR has been installed in more than 150 healthcare facilities in France, Italy, Spain, Portugal, Switzerland, Austria, Belgium, Holland and as far away as Turkey.

Since its creation, it has been constantly improved to reach a level of maturity that has been acclaimed by all healthcare professionals.

In addition to space **heating** and **cooling**, the health version of Spirec's **SPILOTAIR** ensures the **renewal of fresh air** and the **depollution** of space air. This is why it is used in accommodation, **emergency rooms**, conventional **laboratories** and **consulting** rooms.



## Health et hygiene

First of all, the air introduced into the rooms, and heated and cooled by the coil, is fresh air filtered in the central unit.

Then the air in the rooms is induced by venturi effect downstream of the SPILOTAIR coil, it is not in contact with the condensates that may form in the coil. Only clean, filtered primary air flows through the coil and may come into contact with condensate.

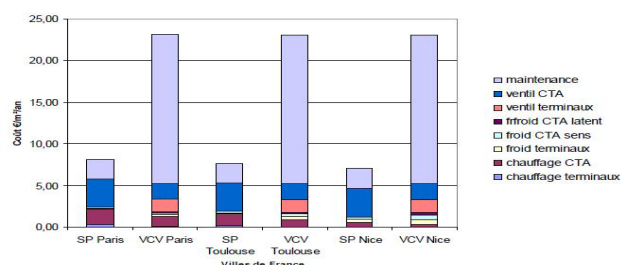
All the condensate is collected in the stainless steel duct and immediately discharged into the collection network by the air pressure upstream of the inductor. There is no need for a condensate pump. There is no condensate drip tray that has to be cleaned regularly.



## Very low overall cost

It is the sum of energy and maintenance costs. We have established it for the SPILOTAIR and the fan coil in the cities of Paris, Toulouse and Nice.

The maintenance cost level is 15 €/m<sup>2</sup> for a fan coil solution, while the energy cost is around 5 €/m<sup>2</sup>. One should not neglect the expensive maintenance costs. On the other hand, **the maintenance cost of SPILOTAIR santé is only 2 €/m<sup>2</sup> for an energy cost of 7 €/m<sup>2</sup>, more than 50% savings!**

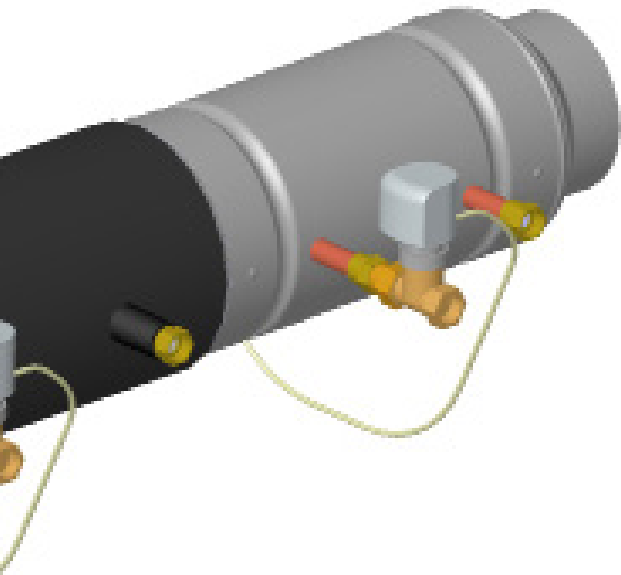


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## The health SPILOTAIR

The SPILOTAIR health is a complete solution composed of :

- A 2 tube or 4 tube coil, cylindrical water-air exchanger consisting of a spiral plate from Spirec's spiral exchanger technology. The SPILOTAIR's coils cool or heat the fresh air of renewal filtered and pre-treated in the central unit and distributed in the building.
- From a single offset inductor: by passing through the inductor, the fresh air is accelerated and by Venturi effect sucks the air from the room.
- A mixing tube with induction and blower diffusers: the cold or warm air is mixed with the ambient air in the mixing tube before being blown into the chamber at a very comfortable temperature.
- A room controller



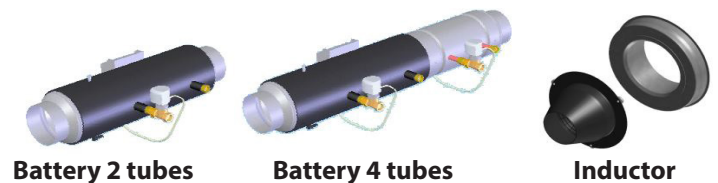
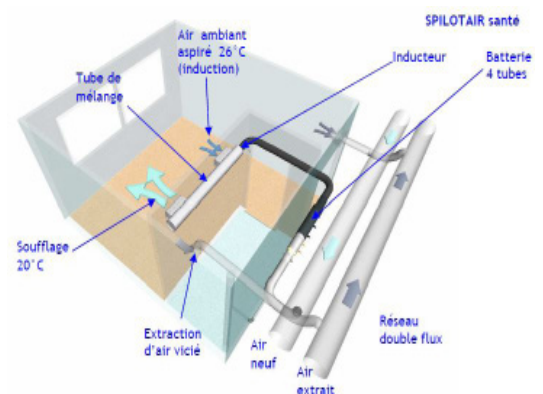
## Quality

The SPILOTAIR is entirely **manufactured** in the **Sartrouville factory** (78) with **standard components**.

The SPILOTAIR is certified «Origine France Garantie», more than **50%** of its cost price comes from France..



BVCert. 6054735



## Among our references



Fondation hôpital Saint-Joseph à Paris



Centre hospitalier de Cambrai



Centre Léon Bérard à Lyon



Hôpital Privé Jean Mermoz à Lyon



Centre de Biologie et de Recherche en Santé au CHU de Limoges

## Our other applications

