



# The BATTERY



Quality



Profitability



Health



Sustainable development



# The Spirec BATTERY heating and air conditioning terminal

## The Spirec BATTERIES

For more than 25 years, **Spirec** has been designing and manufacturing heating and air conditioning terminals, first for **healthcare institutions** (hospitals, clinics, retirement homes, nursing homes, etc.), then for **tertiary buildings** (offices, hotels, media libraries, restaurants, etc.) and **passive housing**.

Terminal coils are widely used to **heat** or **cool** rooms with **renewal** air, without increasing the mixing.

**Spirec** offers building owners, general contractors, design offices, installers and operators an **economical, reliable, simple, energy-efficient, comfortable, hygienic** and environmentally friendly HVAC solution.



## The Spirec BATTERY

The **Spirec BATTERY** is a very efficient plate heat exchanger. **The plate is spirally wound** with a set of folded sheets acting as fins. The fin wound with the plate acts as an **air flow rectifier**.

This honeycomb design **absorbs 2 to 3 dB** and prevents dust from sticking to the plate.

The **Spirec BATTERY** is cylindrical of the duct **diameter**. The aeraulic connections are male and standard. The hydraulic connections are standard 15x21 or 20x27. The exchange bodies are integrated in a 316L **stainless steel sheath** resistant to the attack of condensates.

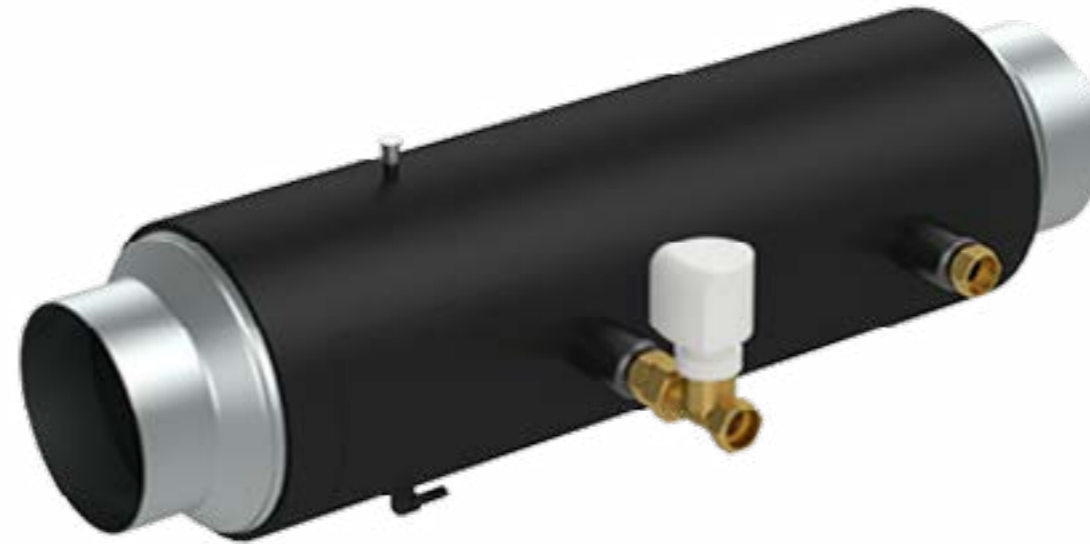
**The Spirec BATTERY is symmetrical**, there is no right-left servitude. The hydraulic connections can be on the right or on the left in the direction of the air. To allow this symmetry, the cold coils are equipped with **2 opposite condensate drains**.

**The Spirec BATTERY** is always connected in **counter-current** for even more efficiency.



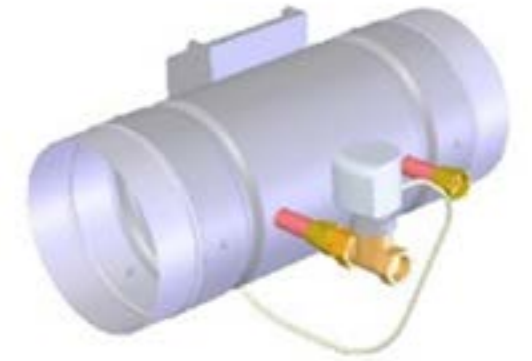
## Low maintenance

The fins of the Spirec Battery are 6 to 8 mm high. They receive the **filtered air**. On the other hand, in the multiple channels formed by the fins, the air **flow** regime is **laminar**, the speed is constant and close to the frontal speed, there is **no change** of direction or obstacle. Dust deposit is therefore almost non-existent.



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## The different BATTERIES



BAT-C with 2-way valve and internal combustion engine



BAT-F with 2-way valve and internal combustion engine



BAT-CF with 2-way valves and combustion engines

## Quality

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

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



BVCert. 6054735

## Among our references



AP-HP Hôpital Européen Georges-Pompidou à Paris



CHU Amiens-Picardie Hôpital Sud



Logements passifs Confluence à Lyon



Centre Hospitalier Régional d'Orléans - La Source



CHU de Limoges Hôpital de la mère et de l'enfant

## Our others applications

