



FHB air blowers with filters rated up to F9, suitable for use in environments with relative humidity of up to 100%, bring innovation and efficiency to your line reinforcement or booster applications.

## ABNT 7256 – Compliant with Hospital and Other Applications

The NBR 7256 standard sets strict guidelines for air quality in hospital environments, specifying the need for FB filtration in air supply systems after the coil of an air conditioning system.

In this context, the FHB with filtration up to F9 can be installed downstream of the hydronic coil, adapting it to built-in evaporators in commercial or hospital installations (or heat exchangers). It also supports compliance with various comfort applications established in NBR 16401-3.



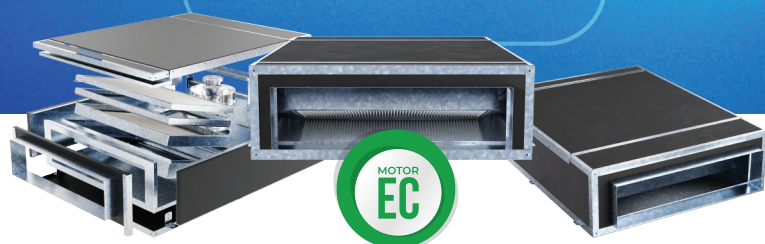
## Operational and Construction Features

It can be installed after direct expansion or hydronic **split built-in** air conditioning systems.

### Optional Features

- \*Built-in automation for pressure control based on filter saturation;
- \*Manual power controller for fan speed adjustment.

- \* Ultra-compact and quiet design;
- \* Energy efficient (low power consumption);
- \* Can be installed vertically or horizontally;
- \* Wide operating temperature range, from 5°C to +60°C, suitable for various climate conditions;
- \* No need for pulleys and belts, simplifying installation and maintenance;
- \* Top cover provides full access to the equipment, making maintenance and inspection easier;
- \* Maximum pressure (mmH<sub>2</sub>O) – 68;
- \* Maximum airflow [m<sup>3</sup>/h] – 900;
- \* EC motor, 230 V, 50/60 Hz.



## Clean and Safe Air

Air blowers with a variety of filtration options

**Application Versatility** - Wide Range of Filters [G4, M5, F8, and F9] // Due to the use of F8 filters, the FHB features an airtight construction with special attention to the filter mounting system. Airtight brackets with quick-release clamps are used to compress the rigid edges against the filter frame, preventing leaks.

## Robust and Efficient Construction

The FHB was designed with a focus on practicality and durability. Its compact profile makes it ideal for spaces with limited clearance between ceilings.

Constructed from galvanized steel and equipped with special sealing, it ensures both efficiency and proper airtightness.

The intake and discharge connections are manufactured with a rectangular geometry, making transitions between equipment and air distribution ducts easier.

Easy access through the top cover (or bottom, if the unit is installed upside down) simplifies maintenance.

To prevent condensation, the FHB is also lined with thermal insulation.

