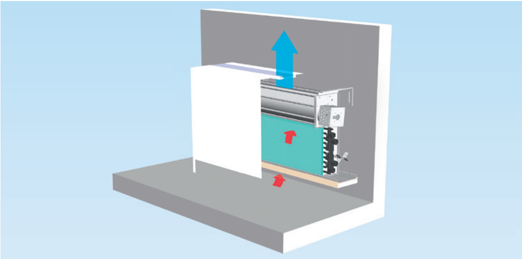
Always the best air flow for every application

Fan coil unit for sill/wall installation VFC



In all cases – this fan coil unit provides always the best air flow.

- **Energy-efficient: high cooling output** with low power consumption
- **Highest comfort** due to mixed/displacement ventilation
- **Fresh air connection** possible
- **Maintenance-friendly** construction
- Suitable for **narrow and low sills**
- **low noise** due to tangential fan

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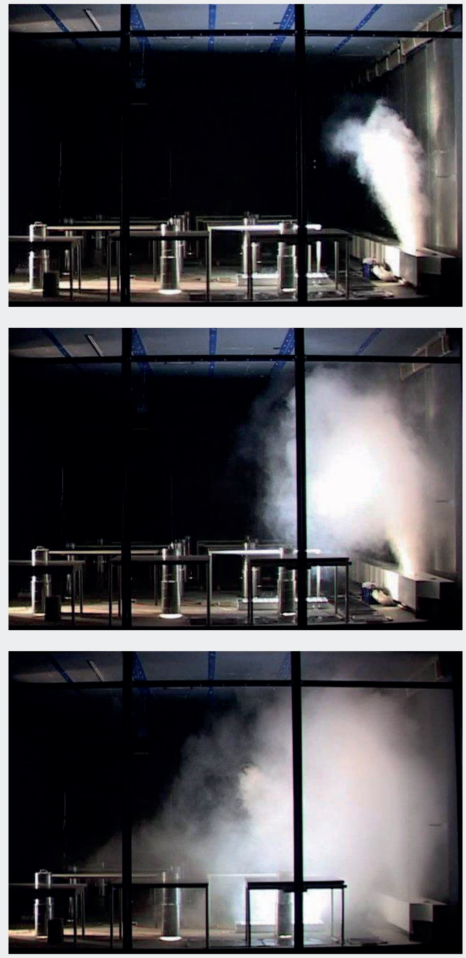
Fan coil unit sill installation VFC

This fan coil unit has been specifically designed for hotels and office buildings with strict acoustic requirements. It offers versatile possibilities for design of different air distribution systems.

Characteristics

- **Energy-efficient: high cooling output**
  - Highly efficient EC motor with low energy consumption.
  - Heat exchanger for efficient room heating with natural convection.
  - Excellent aerodynamic integration of fan and large-area heat exchanger for high caloric output 100-250 BTU/h·W_{el} with low sound level.
  - High economic efficiency through integration of a supply air diffuser.
- **Comfort**
  - Air guiding elements for patented, optimized LTG mixed displacement air ventilation, adjustable to a variety of room geometries.
  - Great flexibility for different rooms or zones.
  - Very smooth running and low sound level thanks to vibration isolated tangential fan and low-noise slide bearing.
  - Low noise operation.
- **Fresh air connection possible**
  - Flow rate up to 500 cfm of fresh air as plenum or linear diffuser LDB.
- **Maintenance-friendly construction**
  - Fan with maintenance-free, low-noise slide bearings for long service life.
  - Motor, impeller and heat exchanger are accessible from below.
- **Suitable for narrow and low skills**
  - Low design depth (only 6.5“).

Room Air Flow



Example of room air flow: VFC with special Insert for mixed/displacement air flow.

Installation examples