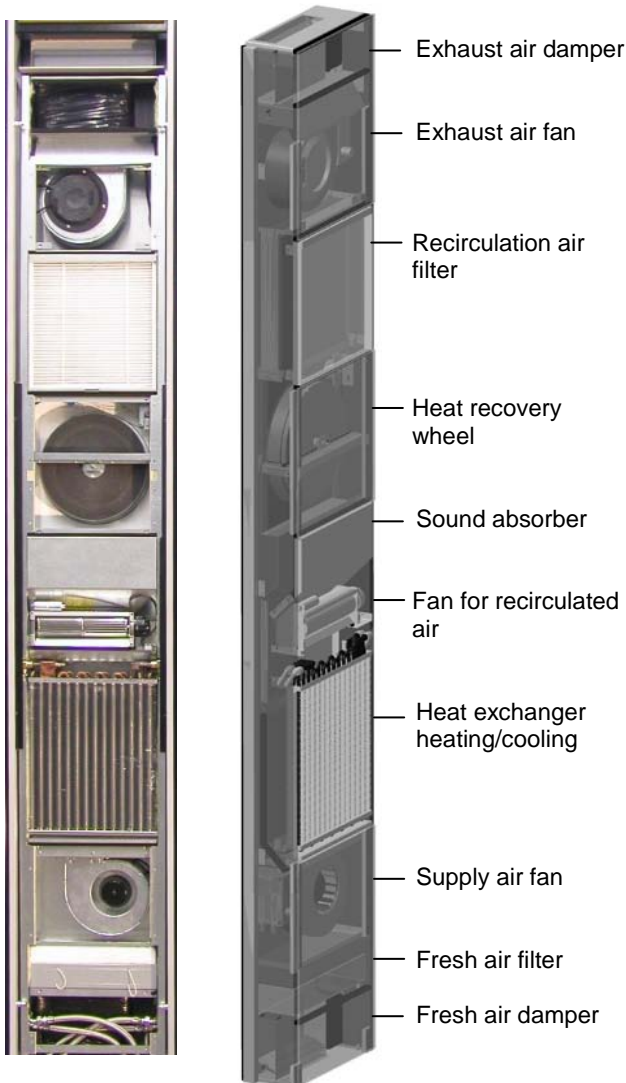




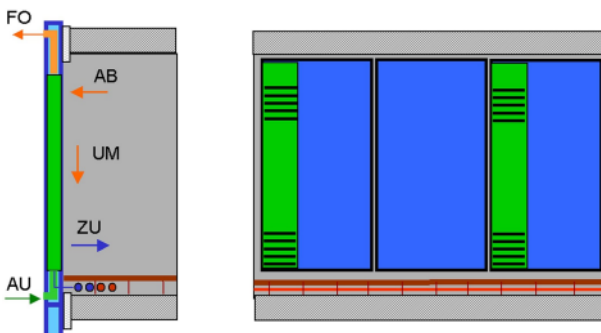
Air Conditioning System HVAC System FVM

Decentralised modular indoor A/C system, flush-mounted in the facade. All functions ready-to-connect in one unit.

General view



Facade Installation



Functions

- Fresh air ventilation
- Outside air filtration to class F7
- Heating and cooling in outside air/recirculating air modes
- Heat and humidity recovery

Features

- **Minimum space requirement** even when integrated in a single-shell facade:
Width 400 mm, depth 160 mm, height 2680 mm
- **Maximum space economy** by saving floor heights, service shaft dimensions, and plant rooms
- **Modular design, expandable in steps** from static heating to air conditioning, thus
 - no unnecessary "shell & core" expenses
 - easy retrofitting
 - maximum tenant/user flexibility
- **High degree of individual control** for personal thermal comfort
- **Discreet integration** in the facade due to
 - small unit depth and width
 - flush installation
- Indoor A/C unit surface may be **individually designed/customised**
- **Freedom of room design**
since walls, floors, and ceilings stay free of any HVAC elements
- **Sound and heat insulation** of the facade remain unaffected
- **Proven BMS solution**, from stand-alone to LON based
- On-site **installation space remains unchanged**, for all expansion stages
- **Excellent air quality and high thermal comfort** thanks to mixed displacement air flow
- **Low energy costs** due to high efficiency drives and "on-demand" operation
- Simple installation with significant time savings **due to**
 - precise fitting of the unit into the façade
 - factory assembly and final testing
 - plug-in connections for water, electronics and BMS