



CENTRALISED VENTILATION UNITS

Ventilation solutions for office buildings,  
public facilities and residential premises:

**VITOAIR PRO**



**Compact, efficient  
and economical in  
consumption**

Vitoair PRO – powerful  
ventilation units with heat  
recovery that reliably  
ensure a pleasant room  
climate.

## Reliable and efficient ventilation with heat recovery



Vitoair FS PRO – particularly low height for installation in suspended ceilings, cavity floors or for pre-wall installation



Vitoair CS PRO – suitable for indoor and outdoor installation

Vitoair PRO from Viessmann is a new, high performance ventilation solution that is equally well-suited to offices, children's nurseries, shops, meeting places and apartment buildings.

The strengths of Vitoair PRO include above-average heat recovery, straightforward installation in suspended ceilings thanks to its slimline design (FS PRO model), app-based commissioning with the Vitoair PRO app and monitoring during operation with the Vitoair PRO web app. Cross-system connection of other Viessmann products is also possible.

### Can be flexibly expanded to suit every need

The units are available in 2 sizes with air flow rates from 600 up to 2000 m<sup>3</sup>/h. The compact design allows ceiling, wall and floor mounting with the slimline unit (FS PRO model). An alternative choice is the cubic floorstanding version with side air duct connections (CS PRO model).

Heat recovery by means of a cross-counter-current heat exchanger reaches levels of up to 83 percent (EN 308). The low flow velocity is accompanied by a low pressure drop and efficient operation.

The Vitoair PRO series can be expanded on a project-specific basis. Electric and hydraulic reheating or preheating coils are available for this purpose. High quality pocket or cassette filters of different categories ensure first-class filtration and long maintenance intervals.

### Proven performance and hygiene

The units are certified in accordance with EUROVENT and hygiene regulations (VDI 6022/ÖNorm, H 6021/SWKI VA104) for flawless operation.

### Easy commissioning

Trouble-free start-up and interconnection with other Viessmann systems, including standardised control, is particularly convenient. Modbus (RTU or TCP/IP), BACNet or web interfaces are available as standard for linking to the building management system (BMS).

If required, the trade partner can use the Vitoair PRO web app online to keep a constant eye on how the ventilation system is operating.

**VITOAIR FS PRO**  
**VITOAIR CS PRO**

Air flow rate: 600 to 2000 m<sup>3</sup>/h

**BENEFITS FOR DESIGNERS OF TECHNICAL BUILDING EQUIPMENT**

- + With Viessmann, only one contact person for the entire system
- + Vitoair PRO Select online planning tool
- + The most suitable version of the unit for every project
- + All unit data available at operating point
- + CAD data for easy integration into the engineering software, including tender documentation
- + Extensive options and accessories
- + Webinars and tutorials

**BENEFITS FOR TRADE PARTNERS**

- + Straightforward installation thanks to clever design concept
- + Time saving hygiene maintenance and quick filter change
- + Minimum space requirement due to compact design
- + Intuitive, fast commissioning via smartphone or tablet
- + Comprehensive support
- + Online monitoring with Vitoair PRO web app
- + With Viessmann, only one contact person for the entire system

**BENEFITS FOR USERS**

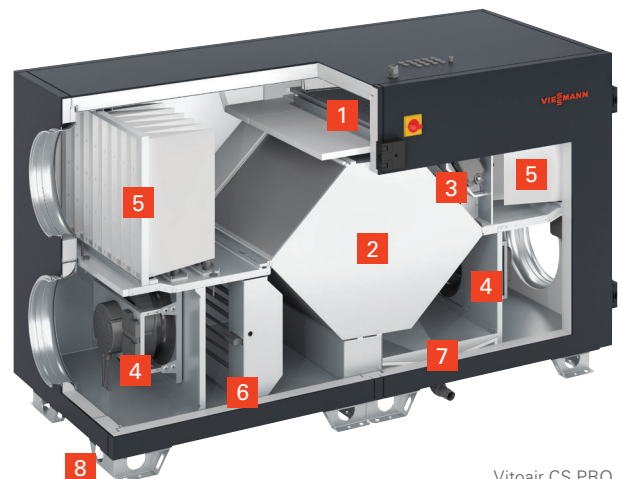
- + Thermal comfort and healthy room climate
- + Low energy costs thanks to high heat recovery
- + Reduced odour nuisance and CO<sub>2</sub> concentration
- + Protection from insects, pollen and pollutants
- + Safe and convenient ventilation with closed windows
- + Good and healthy indoor air increases mental performance in schools and office buildings
- + Balanced humidity management prevents mould growth and damage to the building
- + Convenient control via smartphone or tablet



Vitoair FS PRO

**VITOAIR FS PRO**  
**VITOAIR CS PRO**

- 1 Electronics (operation via programming unit or Vitoair PRO app)
- 2 Cross-counter-current heat exchanger made of aluminium
- 3 Modulating bypass
- 4 EC direct current fans
- 5 Filters
- 6 Heating/cooling coil (optional)
- 7 Condensate tray
- 8 Adjustable feet (optional)



Vitoair CS PRO

## SPECIFICATION

Vitoair	Type	FS PRO 1000	FS PRO 1500	CS PRO 1000	CS PRO 1500
<b>Nominal air flow rate</b>	m <sup>3</sup> /h	1000	1500	1000	1500
<b>External pressure drop</b>	Pa	200	200	200	200
<b>Heat recovery EN 308</b>	%	81.1	80.6	84.1	83.1
<b>Filters EN ISO 16890</b>					
Supply air		ePM1/70 %-F7	ePM1/70 %-F7	ePM1/55 %-F7	ePM1/55 %-F7
Extract air		ePM10/55 %-M5	ePM10/55 %-M5	ePM10/65 %-M5	ePM10/65 %-M5
<b>Supply value</b>	V	230/400*	230/400*	230/400*	230/400*
<b>Dimensions</b>					
Length x width x height	mm	1750 x 1397 x 386	1900 x 1850 x 400	1765 x 760 x 950	2300 x 798 x 1195
<b>Weight</b>	kg	188	273	183	258

\*230 V 1~ with standard connection; when using an electric preheating/reheating coil

## PRODUCT FEATURES

- Project planning using the intuitive Vitoair PRO selection tool
- Minimal installation space due to compact design
- Energy saving EC direct current fans according to IE4
- Filters for every unit model
- Quick filter change from the side and alternatively from below (FS PRO model)
- Straightforward commissioning via the Vitoair PRO mobile app
- Modulating bypass for frost protection and air tempering on summer nights
- Optional accessories: adjustable feet, silencer, reheating coil
- Monitoring of ongoing operation via Vitoair web app
- Integration into building management systems (BMS) via Modbus, BACnet
- EUROVENT-certified performance
- Hygienically flawless as attested by VDI 6022 certification



Your trade partner