

Supply air unit VEKA



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FläktWoods

Raise your sights – use VEKA

VEKA is an efficient supply air unit and is the perfect solution when installation space is limited.

A tried and tested unit has been given a face-lift with a new, integrated control system and an attractive new design.

Where to use VEKA

VEKA is a suitable supply air unit for ventilating business premises, cafes, fast-food stands, kiosks, service stations, small offices and other similar premises that lack the necessary space for a conventional ventilation unit.

Two sizes

VEKA is available in two sizes, depending on the desired airflow range. VEKA comprises units for air quantities of 0.2–1.1 m³/s (720–3900 m³/h) depending on the components selected.

Installation-friendly


VEKA is easy to install suspended from the ceiling. The unit is positioned so that the service hatches open downwards. Without an air cooler, the unit can also be installed on walls with vertical airflow.

Its small external dimensions, it is only 355 mm high, which means that VEKA can be sited almost anywhere.

Appearance is a matter of form

As VEKA is often sited in a visible location in public environments, the appearance of the casing has been given careful consideration. The casing is made of galvanized sheet steel and the doors of white galvanized sheet steel. On small units, the casing is also white. The handles are recessed, which means the unit has a completely flat surface.

The inner plating in the casing is made of galvanised sheet metal and the intermediate insulation is 25 mm mineral wool. Thanks to its smooth internal surfaces, VEKA is hygienic and easy to clean.



"VEKA is a supply air unit for ventilating rooms with no space for a ventilation unit."

Combine freely

The VEKA range offers numerous combination options. VEKA is available with the following variants:

- Filter + fan
- Filter + air heater/cooler + fan
- Filter + air heater + air cooler + fan

The VEKA range also includes duct accessories such as an electric heater and a sound attenuator.

Direct-driven radial fan

The fan in VEKA is a direct-driven radial fan with forward-curved blades. This minimises the need for servicing and ensures that power losses are very small.

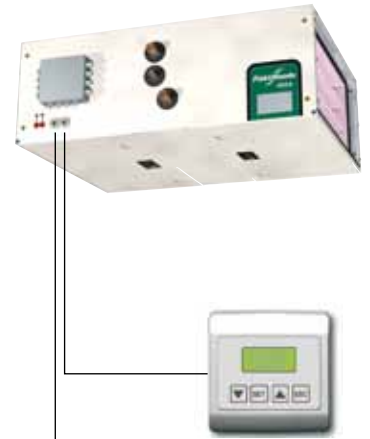
VEKA technical data



Effective control

VEKA is available with integrated control equipment that makes it a complete, functional supply air unit with the ability to also control an exhaust air fan. VEKA can also be ordered with more advanced control equipment that has the same functions as the integrated control and regulation equipment, but also has communication capabilities and can be connected to a 3-phase supply.

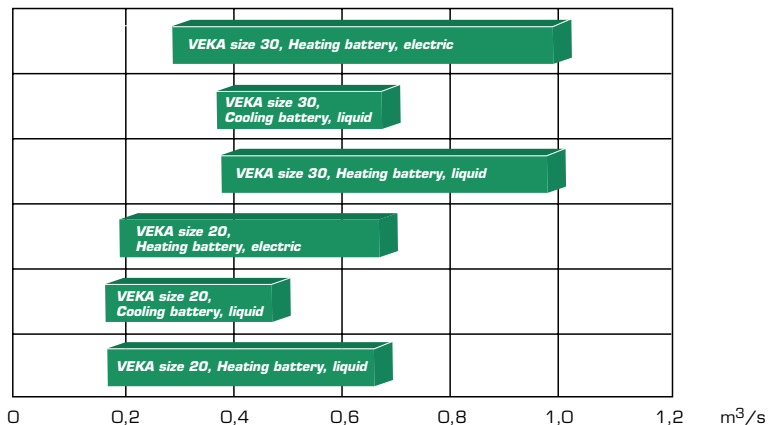
In addition to the control cabinet, there are also more simple solutions with a frequency converter that can be selected for controlling the fan in VEKA.



Supply
1x230 V
Rec. fuse 16 A



Airflow range



Dimensions and weight

Size	Variant (bb)	Width	Height	Length	Weight	Duct connection
20	Fan + short filter (bb=12)	750	355	500	50	600x250
	Fan + long filter (bb=13)	750	355	750	55	600x250
	Fan, heating or cooling battery + long filter (bb=14)	750	355	1000	70	600x250
	Fan, heating battery, cooling battery + long filter (bb=15)	750	355	1250	80	600x250
30	Fan + short filter (bb=12)	1050	355	500	65	900x250
	Fan + long filter (bb=13)	1050	355	750	70	900x250
	Fan, heating or cooling battery + long filter (bb=14)	1050	355	1000	85	900x250
	Fan, heating battery, cooling battery + long filter (bb=15)	1050	355	1250	100	900x250

We Bring Air to Life

Fläkt Woods is a global leader in air management. We specialise in the design and manufacture of a wide range of air climate and air movement solutions. And our collective experience is unrivalled.

Our constant aim is to provide systems that precisely deliver required function and performance, as well as maximise energy efficiency.

Solutions for all your air climate and air movement needs

Fläkt Woods is providing solutions for ventilation and air climate for buildings as well as fan solutions for Industry and Infrastructure.

Air Handling Units (AHUs)

Modular, compact and small AHU units. Designed to ensure optimisation of indoor air quality, operational performance and service life.

Air Terminal Devices and Ducts

Supply and exhaust diffusers and valves for installation on walls, ceiling or floor are all included in our large range and fit all types of applications.

Chilled Beams

Active induction beams for ventilation, cooling and heating, and passive convection beams for cooling. For suspended or flush-mounted ceiling installation – and multi-service configuration. With unique Comfort Control and Flow Pattern Control features.

Residential ventilation

A complete range of products for residential ventilation. Consists of ventilation units, exhaust air fans and cooker hoods designed to optimise indoor comfort and save energy.

Energy recovery

Dessicant-based product and systems that recover energy, increase ventilation and control humidity.

Fans

Advanced axial, centrifugal and boxed fans for general and specialist applications. Comprehensive range including high temperature and ATEX compliant options. Engineered for energy efficiency and minimised life cycle cost.

Chillers

Air-cooled and water-cooled chillers with cooling capacity up to 1800kW. Designed to minimise annual energy consumption in all types of buildings.

Controls and drives

Variable speed drives and control systems, all tested to ensure total compatibility with our products. Specialist team can advise on energy saving and overall system integration.

Acoustical Products

A complete line of sound attenuating products, including rectangular and round silencers, Media Free silencers, custom silencers and acoustic enclosure panels.

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