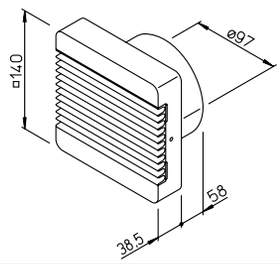
ABV 100



VFE

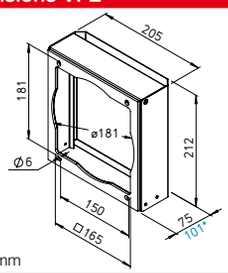


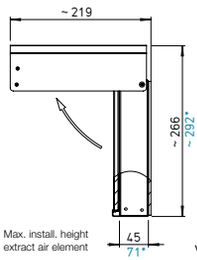
Dimensions ABV 100



Dim. in mm

Dimensions VFE





Dim. in mm

VFE 70, *VFE 90

AbluVent ABV 100

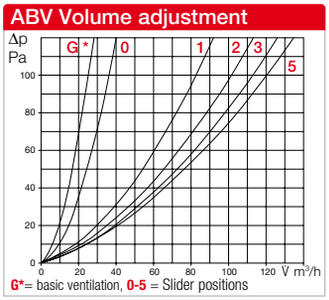
Can be used in central ventilation systems according to DIN 18017-3 with variable volume flow in residential buildings. For the demand-controlled ventilation e.g. of windowless bathrooms and WCs. All elements in the system must be the same type and design. Made of high-quality plastic, colour: white.

Function
AbluVent is operated via the light switch. The blades open when the room is occupied. Basic ventilation is also guaranteed when the room is not occupied, since a minimum air flow rate is provided by the closed blades.

Advantages
- ☐ Energy saving.
- ☐ Low price.
- ☐ Rapid installation.
- ☐ Always the optimal solution.
- ☐ Shutter delay of approx. 5 minutes.
- ☐ Continuously variable volume flow setting.
- ☐ Silent function.
- ☐ Replaceable filter prevents clogging of the ventilation duct.

Volume throughput
The blade opening angle can be variably adjusted using a slider (covered by the facade) in the range from 15 – 80 degrees.

ABV Volume adjustment



G*= basic ventilation, 0-5 = Slider positions

The throughflow depending on the setting and underpressure is shown in the diagram above.

Technical data – Connection
Control via commercially available on/off switch, preferably coupled with the light switch. Operating voltage: ~220/240 V, 3 W.
Insulated, radio interference-free, protection category IP44. Casing: Plastic, alpine white. The thermo-metal spring causes a short switching delay when opening (approx. 30 sec.) and time-delayed closing after deactivation (approx. 5 min.). With ISO Coarse 30 % filter.

ABV 100	Ref. no. 00452

Accessories

Replacement filter mats
ISO Coarse 30 % unit = 5 pcs

ELF/ABV	Ref. no. 06906

Attachment filter element VFE

Simple and cost-effective solution for filtering greasy, contaminated room air. For installation upstream of extract air elements or disc valves.

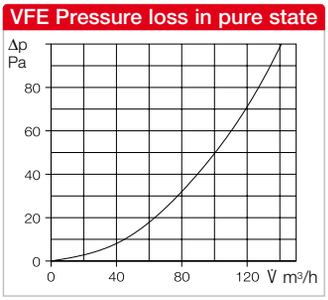
Application
Filter element for covering ventilation openings and preventing dirt deposits on disc valves, extract air elements and connected duct systems. Ideal for use in domestic kitchens with central ventilation systems according to DIN 18017.

Advantages
- ☐ Prevents grease and dust deposits on extract air elements or disc valves and connected duct systems.
- ☐ Filter change in just a few simple steps.
- ☐ Permanent filter can be cleaned in the dishwasher.
- ☐ Unobtrusive design in pleasant white.
- ☐ Easy installation using four screws.
- ☐ Conceals possible clogging zones.
- ☐ Lower maintenance costs for duct systems due to extended cleaning intervals.

Casing
Robust casing made of galvanised steel sheet, white, plastic powder-coated. The 90° retractable front panel prevents the view of the filter and clogging zone.

Filter
Dimensionally stable aluminium filter fabric with 295 cm² free filter surface and aluminium frame.

VFE Pressure loss in pure state



Installation
Suitable for wall and ceiling installation. Simple attachment with four screws. Long slot attachment points allow simple perpendicular adjustment. Attachment directly upstream of the installed extract air element (max. external Ø 180 mm). Front panel is 90° retractable; there should be free space between the upper edge of the casing and ceiling (see dimensional drawing) for easy filter removal.

Delivery
Each element incl. installation accessories individually packed.

Product range

VFE 70	Ref. no. 02552

Compatible with extract air elements with max. 45 mm installation depth, such as e.g. AE, MTVA, KTVA, BTV, BTK.

VFE 90	Ref. no. 02553

Compatible with extract air elements with max. 71 mm installation depth, such as e.g. AE GBE, AE Hygro.

Accessories

ELF/VFE	Ref. no. 02554

Replacement air filter, compatible with types VFE 70 and VFE 90. Unit = 2 pcs.