

Fan Filter Unit (FFU)

Housing:

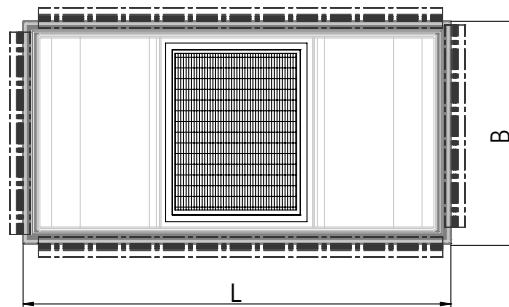
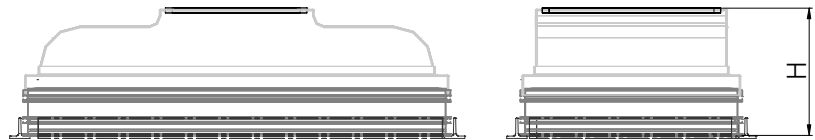
The housing consists of an extruded, anodized aluminium frame and an airtight, cast-in plastic plenum hood, thermally formed in one piece, with an integrated fan. It has a port for measuring the raw gas concentration and the operating pressure drop, plus an operating indicator lamp. The removable diffuser, fixed in position with clamping fasteners, is made of perforated aluminium sheeting.

Filter element:

HEPA and ULPA filters of Filter Classes H 14 to U 17 with aluminium frames can be used (see table for technical data). Integrated prefilter made of foamed PU.

Technical data:

- ▶ Fan with AC motor (220 V, 50-60 Hz single-phase, 0.9 A / 0.17 kW)
- ▶ Integrated electronic control with main switch and thermal protection
- ▶ Noise level <52 dB (A) 1.5 m below the filter element
- ▶ Downstream air velocity max. 0.6 m/s, depending on the filter element involved



Fan Filter Unit designation	FFU dimensions (W x L x H) mm	Diffuser area (W x L) mm ²	Air flow rate m ³ /h	Weight kg
FFU-AK-0660x1270x380-AC	660 x 1270 x 380	580 x 1190	1200	26
Designation of the filters suitable for the Fan Filter Unit	Filter dimensions (W x L x H) mm	Filter Class to EN1822	Air flow rate m ³ /h	Pressure drop Pa
SF14-A-0610x1220x068x05-N13N	610 x 1220 x 68	H14	1200	120
SF14-A-0610x1220x088x07-N13N	610 x 1220 x 88	H14	1200	90
SF15-A-0610x1220x068x05-N13N	610 x 1220 x 68	U15	1200	145
SF15-A-0610x1220x088x07-N13N	610 x 1220 x 88	U15	1200	115
SF16-A-0610x1220x068x05-N13N	610 x 1220 x 68	U16	1200	160
SF16-A-0610x1220x088x07-N13N	610 x 1220 x 88	U16	1200	130
SF17-A-0610x1220x068x05-N13N	610 x 1220 x 68	U17	1200	180
SF17-A-0610x1220x088x07-N13N	610 x 1220 x 88	U17	1200	150

The figures given are mean values subject to tolerances due to the normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case. Subject to technical alterations.

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