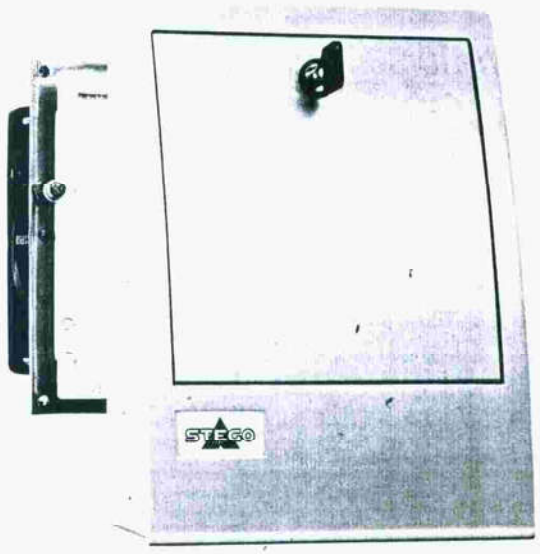
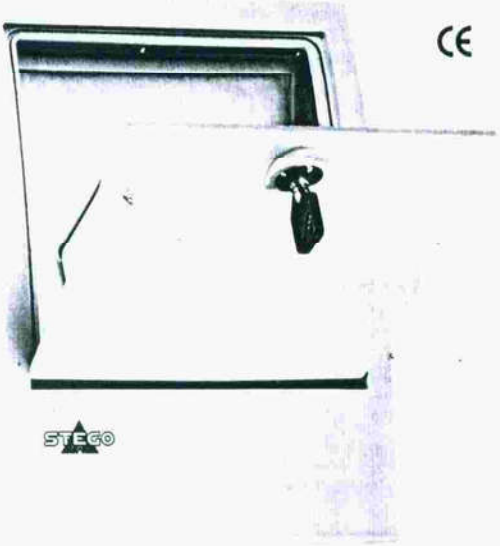




EMC + Standard
Outdoor Filter Fan
FF 018 Series

- *Filter changeable from outside*
- *Safe, lockable*
- *Impact resistant*
- *Weather proof*

Technical Data

	Standard	EMC
Art. No. (AC 230V, 50Hz)	01821.0-00	01821.1-00
Art. No. (AC 120V, 60Hz)[1]	01821.0-02	01811.1-02

[1] 120V, 60Hz models have increased air volume performance of approx. 15%.

Air volume:	20m³/h, free flow
Current/Power consumption AC 230V:	100mA / 15W
AC 120V:	180mA / 15W
Average noise level at 1m DIN EN ISO 9614-2:	40dB(A)
Depth in enclosure:	62mm
Enclosure cut-out:	125 x 125mm +0.4
Weight:	approx. 1.2kg
Filter mat:	F5 acc. to DIN EN 779, filtering degree 98%
Operating/Storage temp.:	-40 to +70°C (-40 to +158°F)
Prot. type / Prot. class:	IP 55 / I (earthed)
Approvals:	UL intended

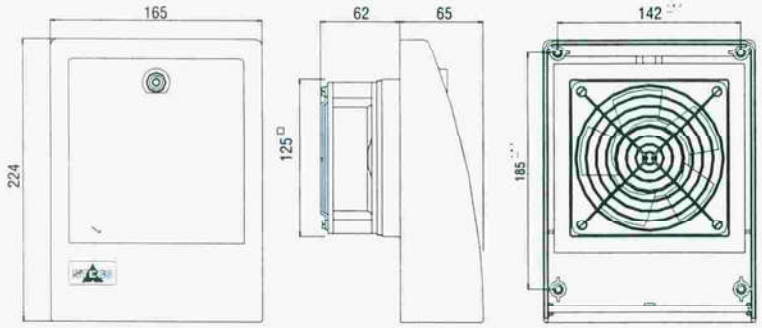
max. impact pressure at 0m³/h air volume: filter mat F5 = 62Pa

Exit Filter EF 118 Series

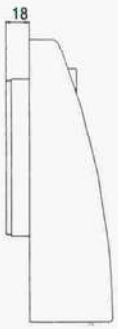
	Standard	EMC
Art. No.	11821.0-00	11821.1-00
Depth in enclosure:	16mm	
Enclosure cut-out:	125 x 125mm +0.4	
Weight:	approx. 0.6kg	
Filter mat:	F5 acc. to DIN EN 779, filtering degree 98%	
Prot. type:	IP 55	

Filter Mats FFM 086

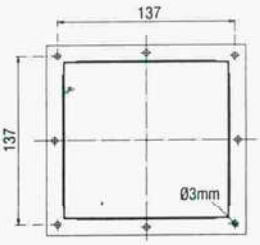
	122 x 122mm
Filter mat F5, fine (1 pack = 5 pcs.)	Art. No. 08607.0-00



Filter fan



Exit filter



Drilling jig
for mounting frame

FURTHER TECHNICAL DATA:

Axial fans: ball bearing, service life min. 50 000h at 25°C (65% RH). Fan body aluminium, rotor plastic. Connection 2 wires with pressure clamps 2.5mm², length 100mm. Axial fans in DC 12, 24 or 48V on request.

Filter fan and exit filter casing: Casing material high impact plastic ASA, light grey. Burning behaviour according to UL94 H-B. High resistance to weather and UV.

Mounting frame: with double industrial adhesive band for fixing to the outside of enclosure. Certain operating circumstances can make the additional use of screws necessary. Included in the delivery of the filter fans is a template for the enclosure cut-out.

Filter material: Synthetic fibre with progressive construction, temperature resistant to 100°C, self-extinguishing class F1. Moisture resistant to 100% RH, non-condensing. Reusable - cleaning by washing or vacuuming.

The hood is fixed permanently to the enclosure from the inside using screws. Filter mats can be easily changed from outside the enclosure through the lockable door in the hood.