

Roof fan

SEF25043

SEF250

Fire gas roof fan. Approved for temperatures up to 400°C for 120min (400/2H) and approved as both operating and evacuation fan in accordance with EN12101-3:2015



SEF

PRODUCT BENEFITS

- Certified combustion gas fan (smoke exhaust extractor) F400/2H
- Approved for 400°C in 120 min.
- Operations and evacuation fan

Product description

SEF combustion gas fan with vertical exhaust is approved for temperatures up to 400°C for 120 min.

SEF and TGKS roof cowl has been tested and approved as a general operations fan and evacuation fan in accordance with EN12101-3:2015. Certificate: 0402-CPD-453701.

SEF is made of die-cast aluminium and surface treated with hammer varnish, which makes it light, mechanically strong and extremely resistant to corrosion (Corrosion class C4 according to EN ISO 12944-2).

The motor is a temperature resistant, sealed asynchronous motor with lifetime lubricated ball bearings. This ensures a long service life, high efficiency and low noise levels.

SEF is supplied as standard with vibration damper, armoured cable, mineral wool mat and safety screws which ensure the fan stays attached to the roof cowl whatever the weather or conditions.

Accessories

Description	Variants
NFO Sinus Optimal, frequency converter	NFOOP220
MAC12 constant pressure regulator	MAC12

Fan data

Max. Total efficiency (A-D) (%)	39,2
Efficiency level requirements	64, N(2015)
ECO efficiency level during optimal operating point	64,9

Dimensional data

A (mm)	335
E (mm)	100
Ø D (mm)	250
Weight (kg)	26

Electrical datas

Motor 3 x 400 V Amp/kW	0,4 / 0,1
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SEF25043**SEF250****Installation**

The fan is fitted onto the roof cowl using the supplied vibration dampers. This ensures vibration-free operation, while the mineral wool mat positioned on the spigot forms a seal between the fan and the roof cowl. The safety bolts are fitted in the roof cowl.

The TGKS roof cowl is composed of galvanised sheet metal, 50 mm mineral wool that insulates against sound and condensation, mesh, and an inner housing of perforated galvanised sheet metal.

SEF can also be mounted on an existing roof cowl using an FPTS mounting panel.



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Curve