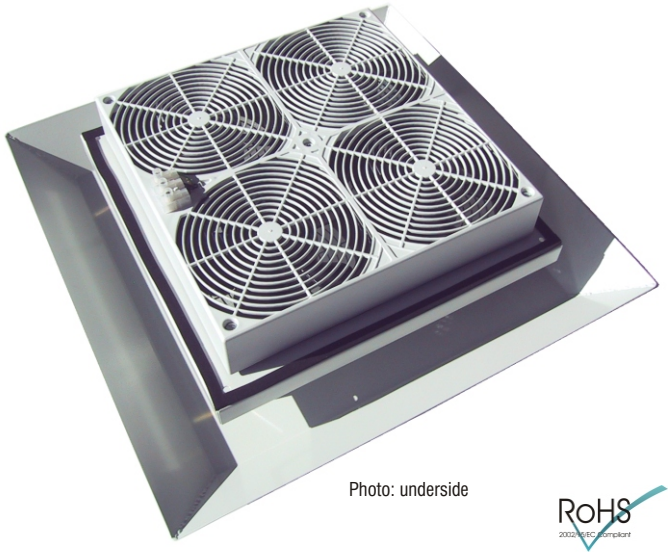


Photo: underside

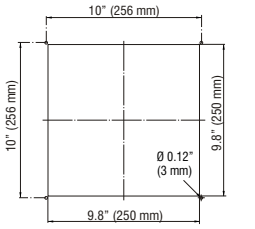
Low Noise
Roof Filter Fan
294 cfm RFF 018

- *Very low noise*
- *Minimal depth in enclosure*
- *Simple to mount*
- *Four fans for added reliability*

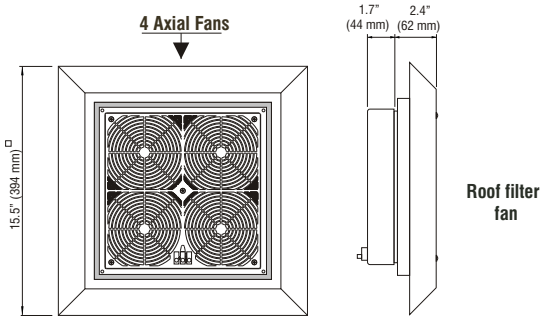
Roof filter fans are used in enclosures from which warm air must be diverted due to increased heat development.

The ready-to-connect and low-noise roof filter fan is used to expel warm air from within the enclosure. The roof exit filter provides passive ventilation.

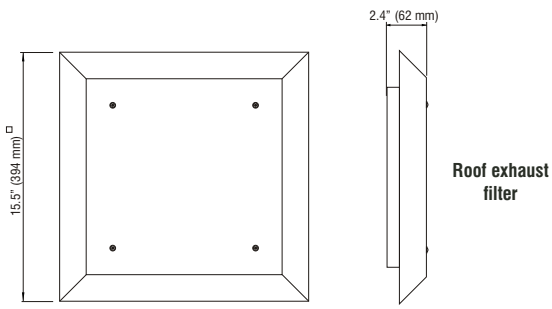
The RFF 018 series utilizes four smaller axial fans instead of one large one, improving reliability and maintaining continuous operations even if one of the fans should fail.



Enclosure cut-out



Roof filter fan



Roof exhaust filter

Technical Data RFF 018		
Part No.	*AC 230 V / 50 Hz*	01850.0-00
Part No.	*AC 120 V / 60 Hz*	01851.0-00
Filter mat:		G3 (coarse)
Air volume (free blowing):		206 cfm (with filter mat G3)
		294 cfm (without filter mat)
Note: Air flow increases by approximately 15% for 120 V / 60 Hz models		
Current consumption:		400mA AC 230 V
		700mA AC 120 V
Power consumption:		60W AC 230 V
		60W AC 120 V
Axial fans:		Ball bearing, operating life
		min. 50,000h at 77°F (RH 65%)
Average noise level at 3 ft.		
DIN EN ISO 4871:		55dB (A)
Depth in enclosure:		1.7" (44 mm)
Enclosure cut-out:		9.8" x 9.8" (250 x 250 mm +0.4 mm)
Connection:		3-pole terminal AWG 14 max. (2.5 mm²)
Frame:		Plastic UL94V-0 / sheet metal
		painted, light grey
Weight:		9.7 lbs (4.4 kg)
Protection type:		IP 54 (with filter mat G3)
		IP 33 (without filter mat)
Protection class:		I (grounded)
Agency approvals:		UL

Note: For reasons of pressure compensation, the roof filter fan must always be operated in combination with another filter fan or a passive intake filter.

ROOF EXHAUST FILTER REF 118 SERIES	
Part No.	11850.0-00
Filter mat:	G3 (coarse)
Weight:	4.4 lbs (2.0 kg)
Depth in enclosure:	none
Other details as above but without fans and electrical connection	

RFF018/03-07/US

STEGO, Inc. · 1395 South Marietta Parkway · Building 800 · Marietta, GA 30067 · Tel: (770) 984-0858 · Fax: (770) 984-0615
Toll free: 1-888-783-4611 (US & Canada only) · www.stegousa.com