



Low Noise Roof Filter Fan RFF 018

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

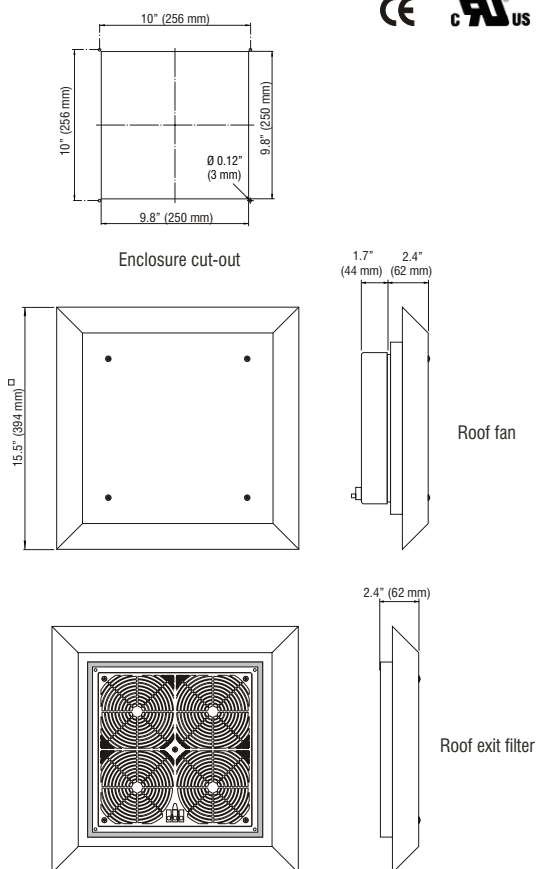
Roof filter fans are used in enclosures from which warm air must be diverted due to increased heat development.

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.



Photo: underside



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)	
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.	45dB (A)	
DIN EN ISO 9614-2:	45dB (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 mm ²)	
Frame:	Plastic UL94V-0 / sheet metal painted, light grey	
Weight:	approx. 9.7 lbs (4.4 kg)	
Protection type:	IP 54 (with filter mat G3) IP 33 (without filter mat)	
Protection class:	I (grounded)	
Approvals:	UL	

Air flow increases by approximately 15% for 120 V / 60 Hz models

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:	4.2 lbs (1.93 kg)
Depth in enclosure:	none
Other details as above but without fans and electrical connection	

RFF018-11-05/US

Specifications are subject to change without notice. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.

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