

FF12D48NN53

Type 3R version with fan

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FF series exhaust filter and filter fans represents a side-mounted cooling solution with filtered ambient air to maintain optimum ventilation inside the electrical cabinets. Screwless connection, fast tool-free mounting system with clip and maintenance friendliness are the main benefits. Available in a wide range of configurations for both indoor and outdoor use.

Technical data		
APPROVALS		
Approvals	CE; UR; cULus; UKCA	
PERFORMANCE		
Max Airflow	35	m³/h
	21	CFM
Airflow with Exhaust Filter	24	m³/h
	14	CFM
Max Static Pressure	51	Pa
	0.20	in H2O
ELECTRICAL DATA		
Rated Voltage	48	V d.c.
Rated Current	0.18	A
Rated Power	8.6	W
Operating Voltage	25-55.2	V d.c.
Motor Protection	Electronically Protected	
MECHANICAL DATA		
Mounting Wall Thickness	1.3-3.2	mm
	0.05-0.13	in
Bearing	Ball Bearing	
GENERIC DATA		
Spare Parts Filter Media	M12FPF	
Casing Material	PBT UL94 5VB	

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VENTILATION SYSTEMS

Technical data		
RAL Number	9005	
Life Expectancy	100000	h at 25 °C
	100000	h at 77 °F
Airflow Direction	Direct	
Electrical Connection	Screwless Terminal Block	
Wires Section	0.75-2.5	mm²
Wires Section	20-14	AWG
Fan Noise	42.5	dB(A)
Filter Class	G4	EN 779
Filter Class	ISO coarse 75%	ISO 16890
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP55	
Operating Temperature	-10÷55	°C
	14÷131	°F
Storage Temperature	-40÷70	°C
	-40÷158	°F
UL DATA		
UL File Number Recognized Component	E237844	
UL File Number Listed	E500932	
UL Environmental Type Rating	Type 3R	
UL Surrounding Temperature	55	°C
	131	°F

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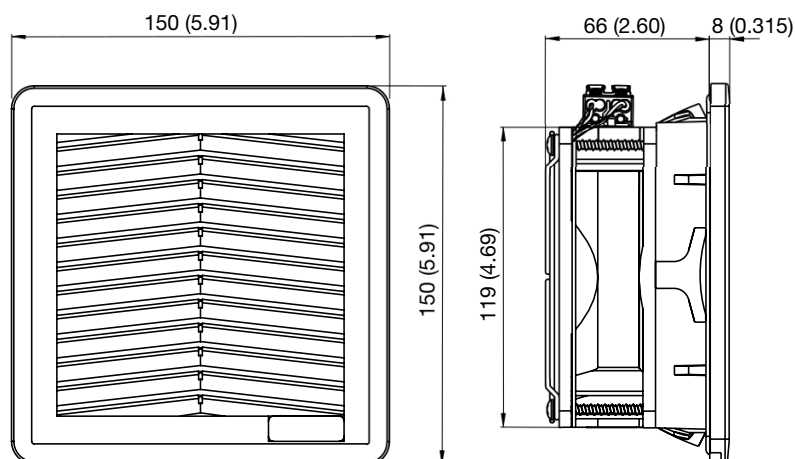
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VENTILATION SYSTEMS

Technical drawing mm (in)



Mounting cut-out mm (in)

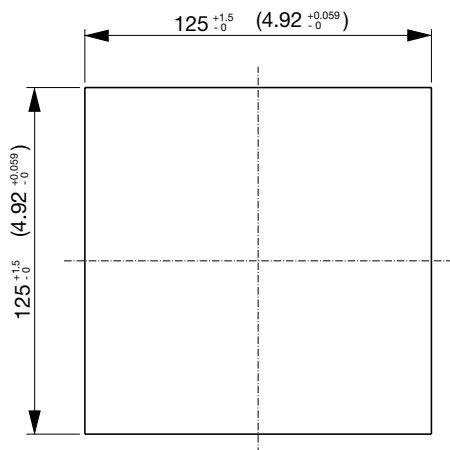


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Air performance

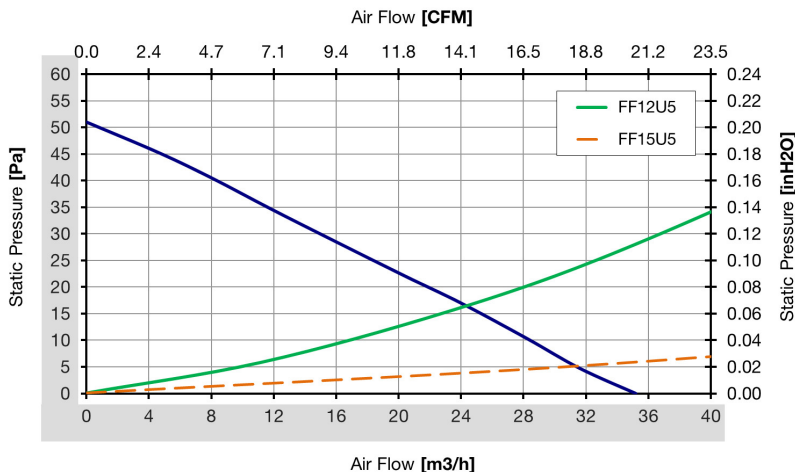


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