FF20A230ZE1 | standard 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; cURus; cULus; cCSAus; UKCA	
PERFORMANCE		
Max Airflow	455/505 268/297	m³/h CFM
Airflow with Exhaust Filter	320/355 188/209	m³/h CFM
Max Static Pressure	135/145 0.54/0.58	Pa in H2O
ELECTRICAL DATA		
Rated Voltage	230	V a.c.
Rated Current	0.31/0.35	A
Rated Power	70/85	W
Operating Voltage	207-253	V a.c.
Frequency	50/60	Hz
Appliance Class	I	
Motor Protection	Thermally Protected	
MECHANICAL DATA		
Mounting Wall Thickness	1.3-3.7 0.05-0.15	mm in
Bearing	Ball Bearing	

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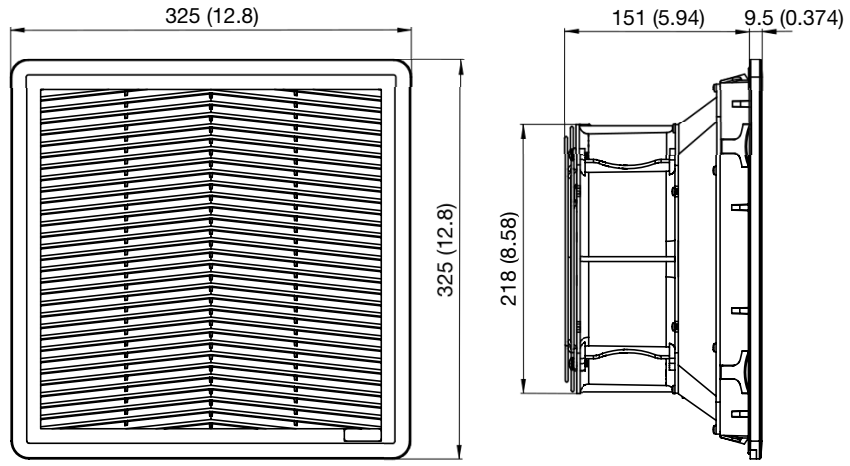
Technical data		
GENERIC DATA		
Spare Parts Filter Media	M20FPF-EU3	
Casing Material	PC/ABS UL94 5VB	
ANSI Code	ANSI 61 Gray	
Life Expectancy	70000 70000	h at 25 °C h at 77 °F
Airflow Direction	Direct	
Electrical Connection	Screwless Terminal Block	
Wires Section	0.75-2.5	mm²
Wires Section	20-14	AWG
Fan Noise	60/62	dB(A)
Filter Class	G3	EN 779
Filter Class	ISO coarse 55%	ISO 16890
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP54	
Operating Temperature	-25÷55 -13÷131	°C °F
Storage Temperature	-30÷70 -22÷158	°C °F
UL DATA		
UL File Number Recognized Component	E237844	
UL File Number Listed	E500932	
UL Environmental Type Rating	Type 12	
UL Surrounding Temperature	55 131	°C °F

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Technical drawing mm (in)



Mounting cut-out mm (in)

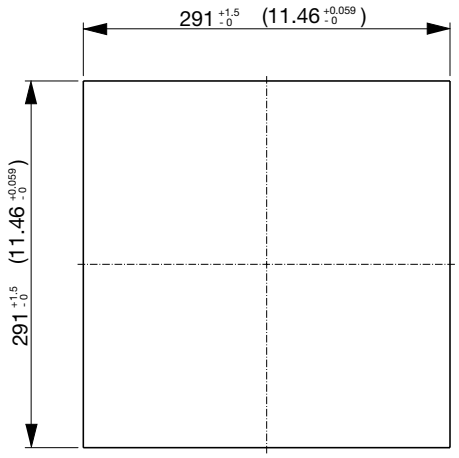


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Air performance

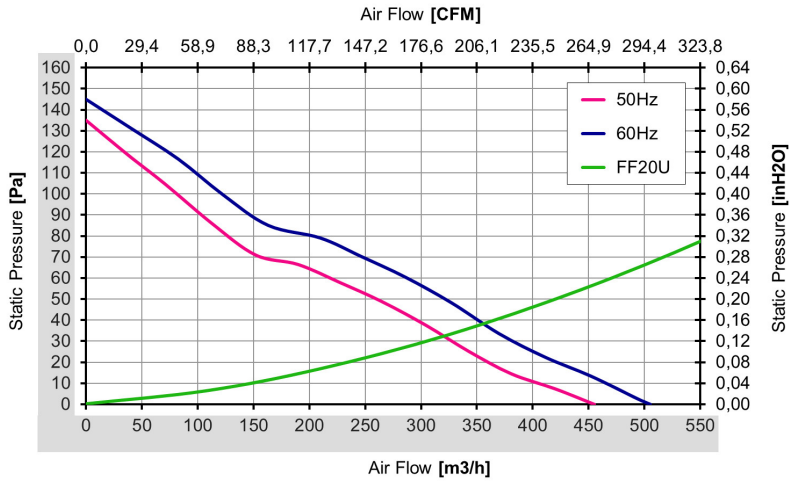


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