simpex electronic

FILTER FANS
"FF" series

virdis

VENTILATION SYSTEMS

FF15A230UF | 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	
PERFORMANCE		
Max Airflow	230/270	m³/h
	135/159	CFM
Airflow with Exhaust Filter	159/190	m³/h
	94/112	CFM
Max Static Pressure	115/155	Pa
	0.46/0.62	in H2O
ELECTRICAL DATA		
Rated Voltage	230	V a.c.
Rated Current	0.14/0.16	A
Rated Power	32/36	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	mm
	0.05-0.15	in
GENERIC DATA		
Spare Parts Filter Media	M15FPF-EU3	

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Technical data		
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Airflow Direction	Direct	
Electrical Connection	Screwless Terminal Block	
Life Expectancy	40000	h at 40 °C
	40000	h at 104 °F
Wires Section	20-14	AWG
Wires Section	0.75-2.5	mm²
Fan Noise	50/55	dB(A)
Filter Class	ISO coarse 55%	ISO 16890
Filter Class	G3	EN 779
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP54	
Operating Temperature	-30÷55	°C
	-22÷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 12	
UL Ambient Temperature	55	°C
	131	°F

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FF15A230UF | standard with fan

Technical drawing   mm (in)

250 (9.84)

250 (9.84)

116 (4.57)   9 (0.354)

Ø 172 (Ø 6.77)

Mounting cut-out   mm (in)

$223 ^{+1,5}_{-0}$ $(8.78 ^{+0.059}_{-0})$

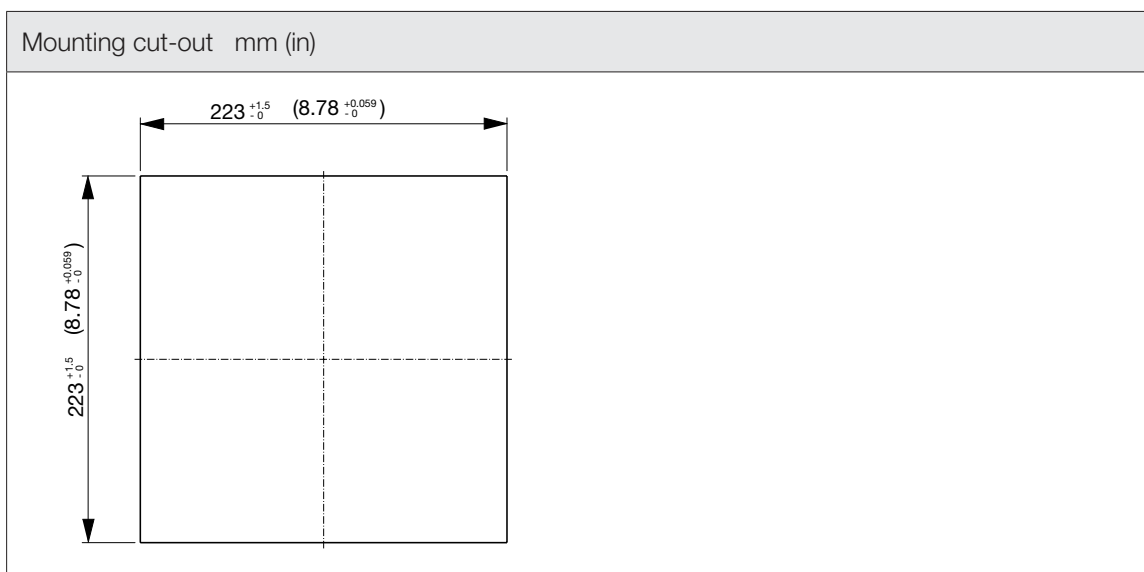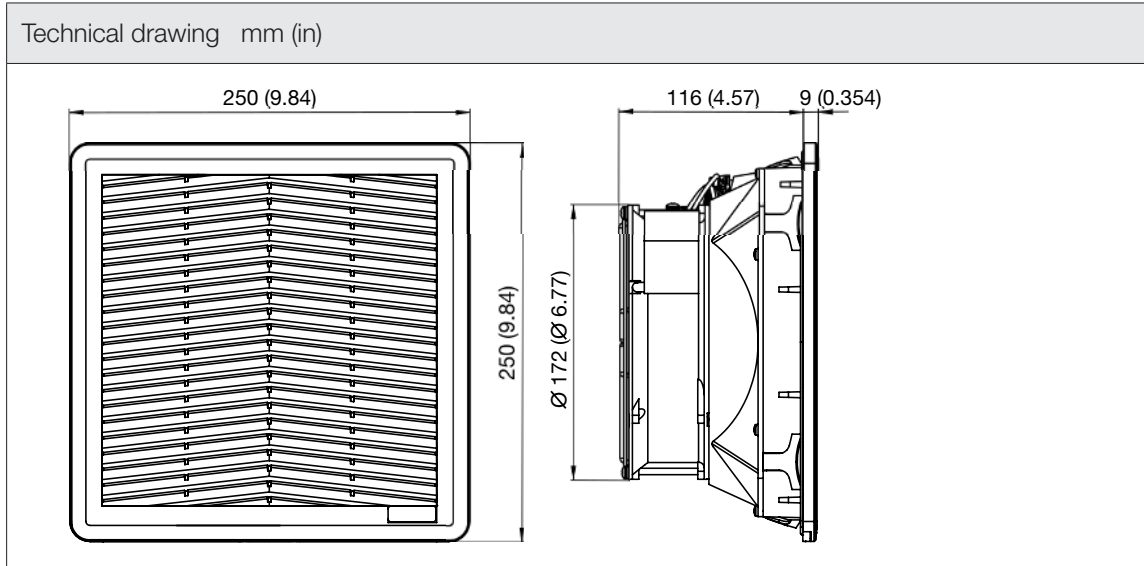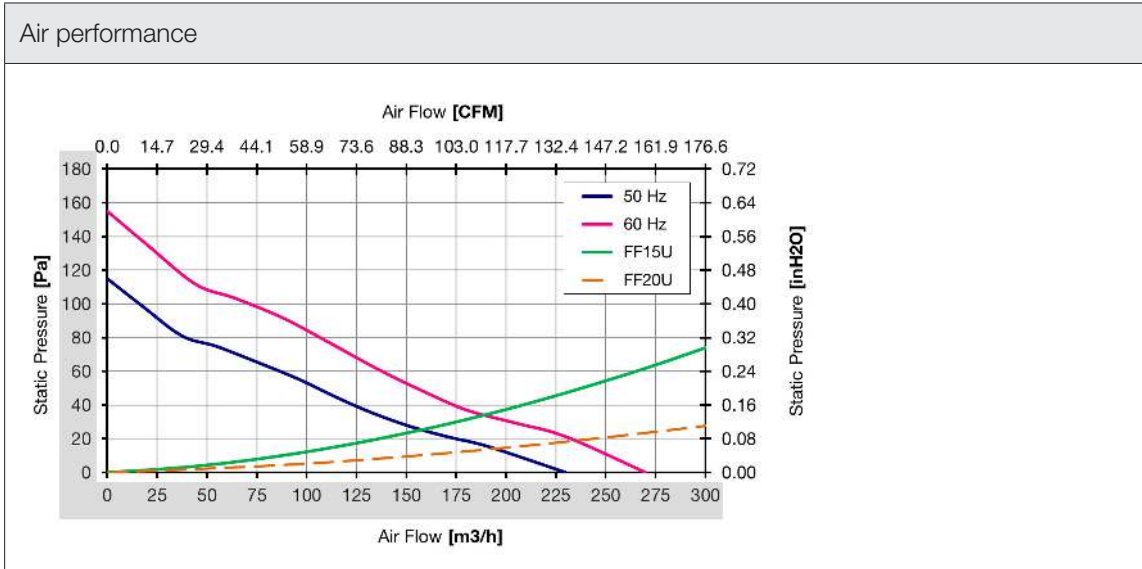$223 ^{+1,5}_{-0}$ $(8.78 ^{+0.059}_{-0})$

Image is for illustrative purpose only. All specifications, data and drawing are subject to change without notice. Please refer to our terms of sales including our warranty and limited liabilities clauses.

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Air performance

Air Flow **[CFM]**

Static Pressure **[Pa]** / Static Pressure **[inH2O]**

Legend:
- 50 Hz
- 60 Hz
- FF15U
- FF20U

Air Flow **[m3/h]**

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