

FF15A115UF

standard with fan



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	115	V a.c.
Rated Current	0.28/0.26	A
Rated Power	31/31	W
Operating Voltage	103-126	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	

FF15A115UF

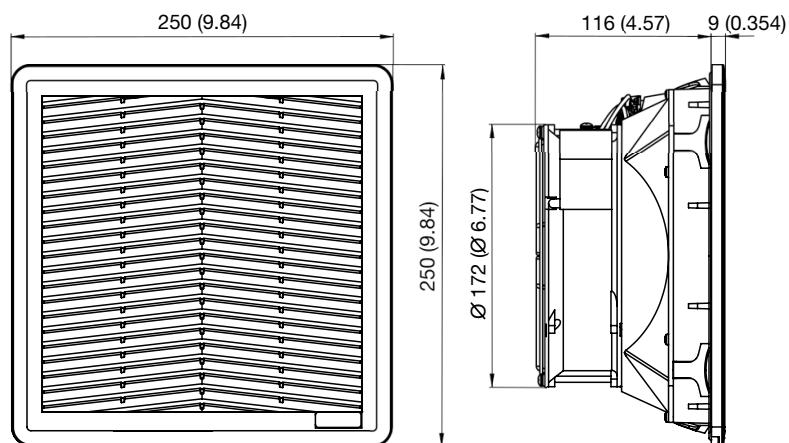
standard with fan

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	

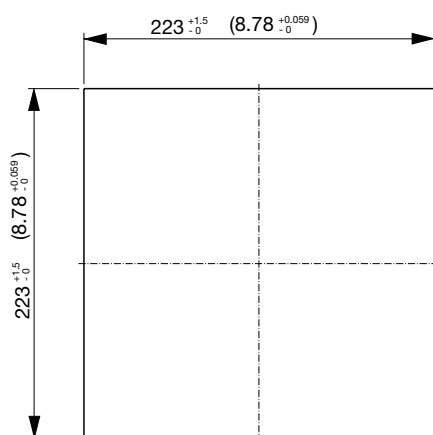
FF15A115UF

standard with fan

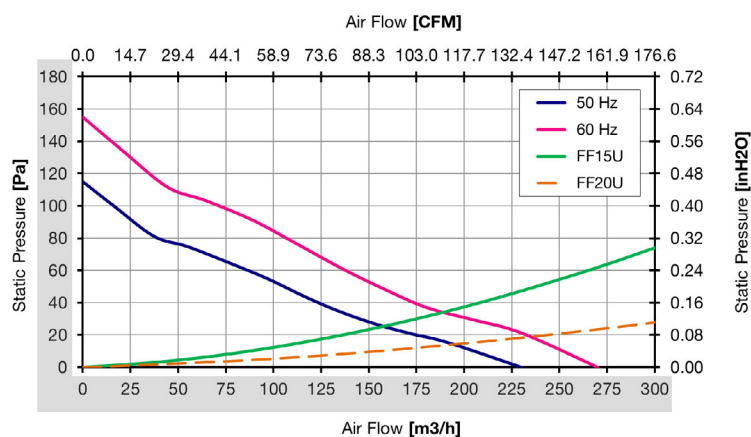
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15A115UFR

standard with fan



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Technical data		
APPROVALS		
Approvals	CE; cURus; cULus; cCSAus	
PERFORMANCE		
Max Airflow	240/285	m³/h
	141/168	CFM
Airflow with Exhaust Filter	160/195	m³/h
	94/115	CFM
Max Static Pressure	164/210	Pa
	0.66/0.84	in H2O
ELECTRICAL DATA		
Rated Voltage	115	V a.c.
Rated Current	0.28/0.26	A
Rated Power	31/31	W
Operating Voltage	103-126	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	

FF15A115UFR

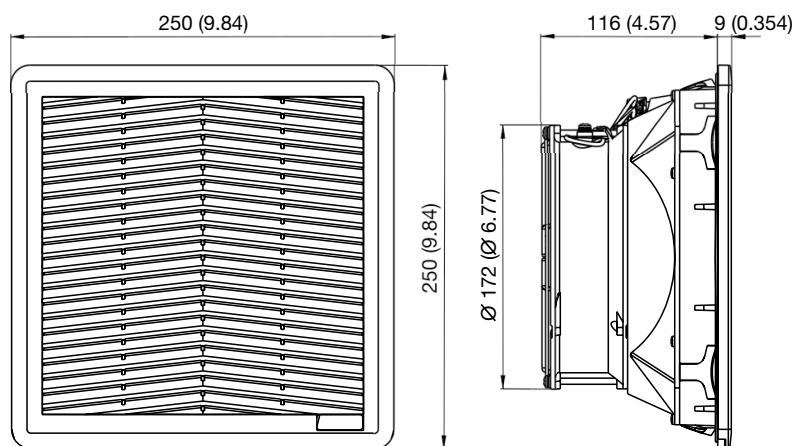
standard with fan

Technical data		
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Airflow Direction	Reverse	
Electrical Connection	Screwless Terminal Block	
Life Expectancy	80000	h at 25 °C
	80000	h at 77 °F
Wires Section	20-14	AWG
Wires Section	0.75-2.5	mm ²
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

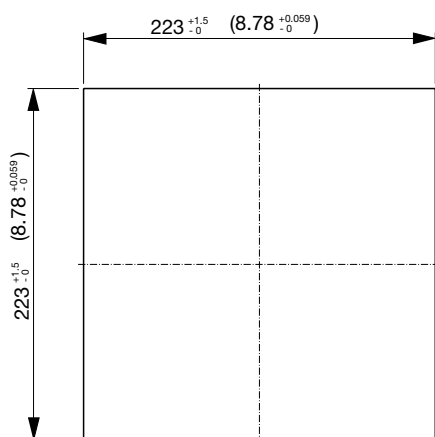
FF15A115UFR

standard with fan

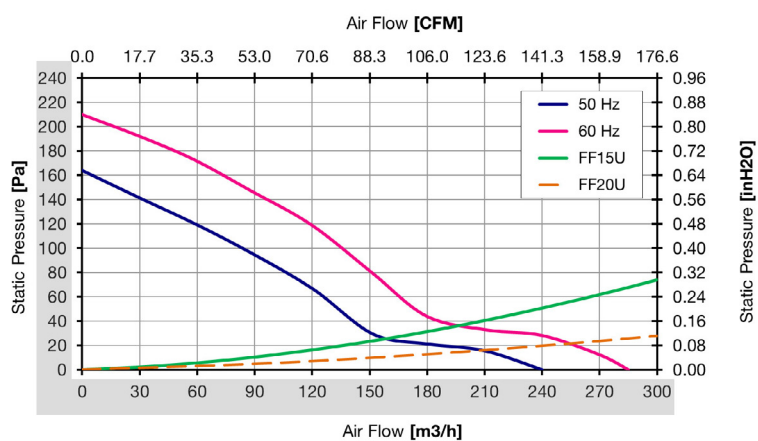
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15A115UN2

standard with fan



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	226/264	m³/h
	133/155	CFM
Airflow with Exhaust Filter	165/204	m³/h
	97/120	CFM
Max Static Pressure	144/184	Pa
	0.58/0.74	in H2O
ELECTRICAL DATA		
Rated Voltage	115	V a.c.
Rated Current	0.36/0.361	A
Rated Power	39/41	W
Operating Voltage	103-126	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	

FF15A115UN2

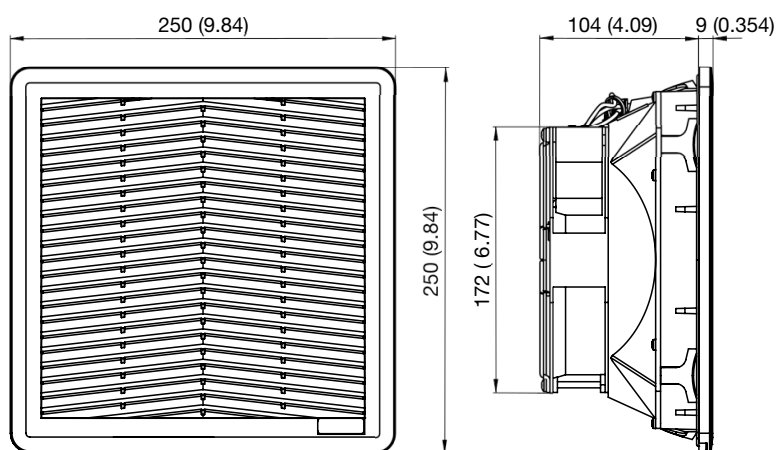
standard with fan

Technical data		
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Airflow Direction	Direct	
Electrical Connection	Screwless Terminal Block	
Life Expectancy	100000	h at 25 °C
	100000	h at 77 °F
Wires Section	0.75-2.5	mm ²
Wires Section	20-14	AWG
Fan Noise	52/56	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	-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 12	
UL Ambient Temperature	55	°C
	131	°F

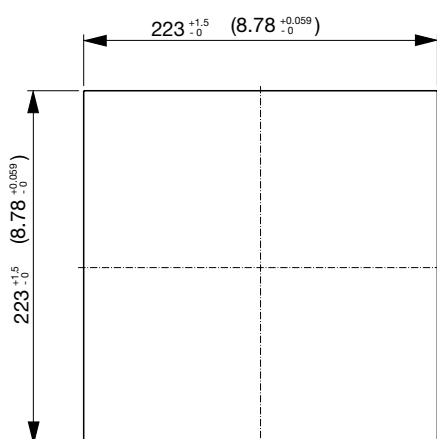
FF15A115UN2

standard with fan

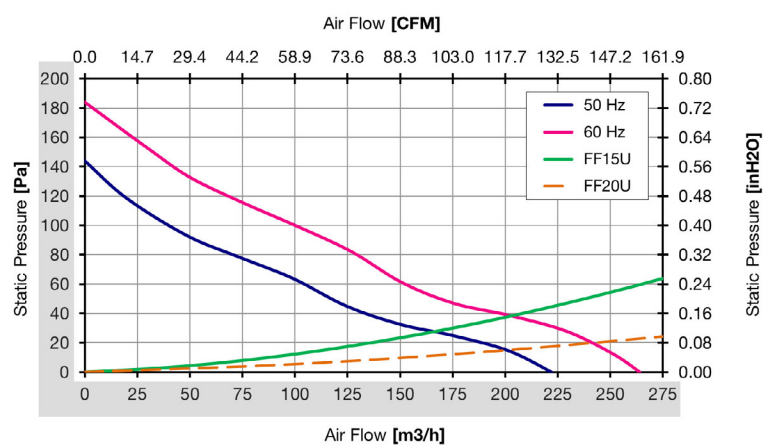
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15A230UF

standard with fan



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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	

FF15A230UF

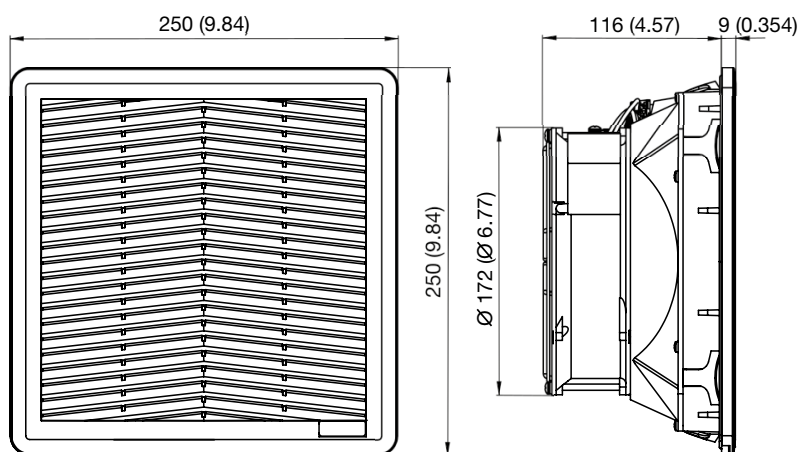
standard with fan

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

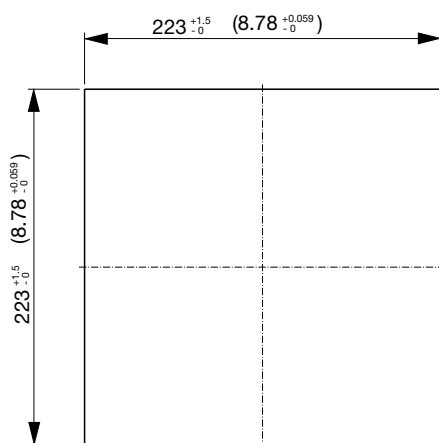
FF15A230UF

standard with fan

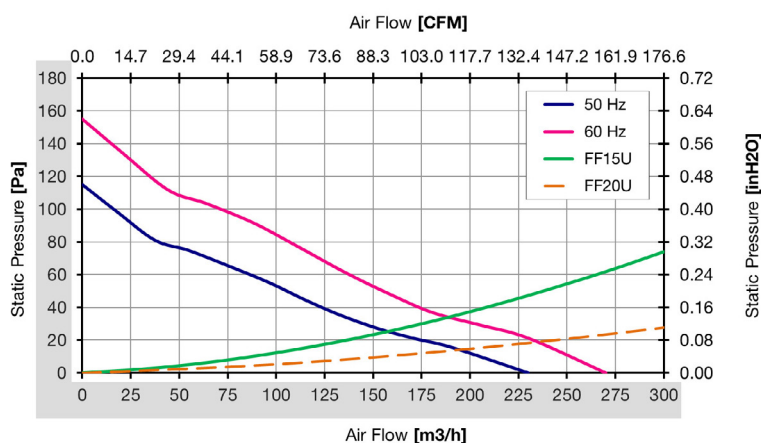
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15A230UFR

standard with fan



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Technical data		
APPROVALS		
Approvals	CE; cURus; cULus; cCSAus	
PERFORMANCE		
Max Airflow	240/285	m³/h
	141/168	CFM
Airflow with Exhaust Filter	160/195	m³/h
	94/115	CFM
Max Static Pressure	164/210	Pa
	0.66/0.84	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	

FF15A230UFR

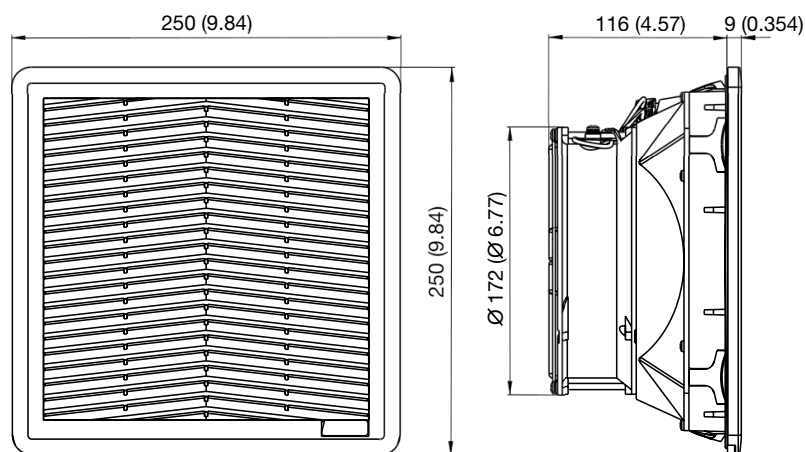
standard with fan

Technical data		
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Airflow Direction	Reverse	
Electrical Connection	Screwless Terminal Block	
Life Expectancy	80000	h at 25 °C
	80000	h at 77 °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

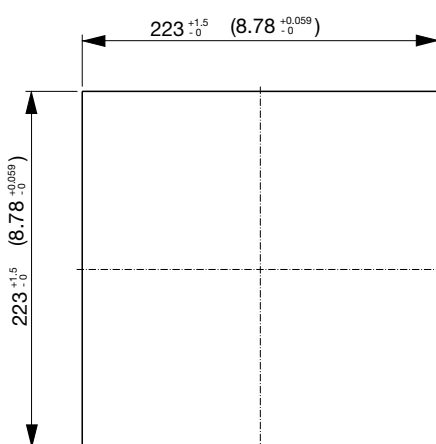
FF15A230UFR

standard with fan

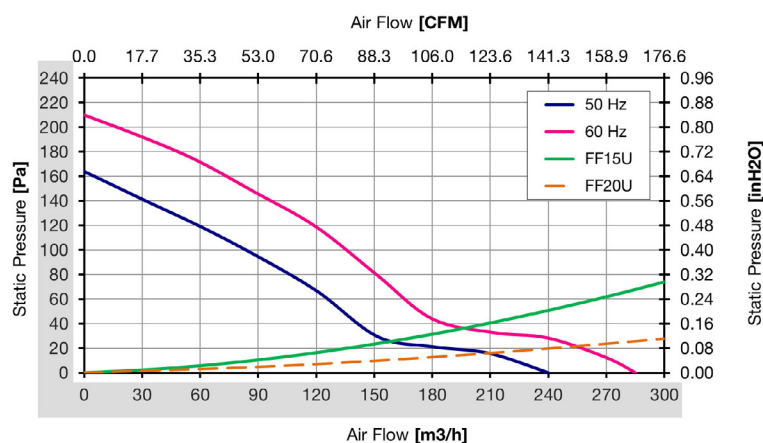
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15A230UNR2

standard with fan



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Technical data		
APPROVALS		
Approvals	CE; cURus; cULus; cCSAus	
PERFORMANCE		
Max Airflow	238/283	m³/h
	140/167	CFM
Airflow with Exhaust Filter	185/222	m³/h
	109/131	CFM
Max Static Pressure	195/252	Pa
	0.78/1.01	in H2O
ELECTRICAL DATA		
Rated Voltage	230	V a.c.
Rated Current	0.185/0.192	A
Rated Power	42/45	W
Operating Voltage	184-253	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	

FF15A230UNR2

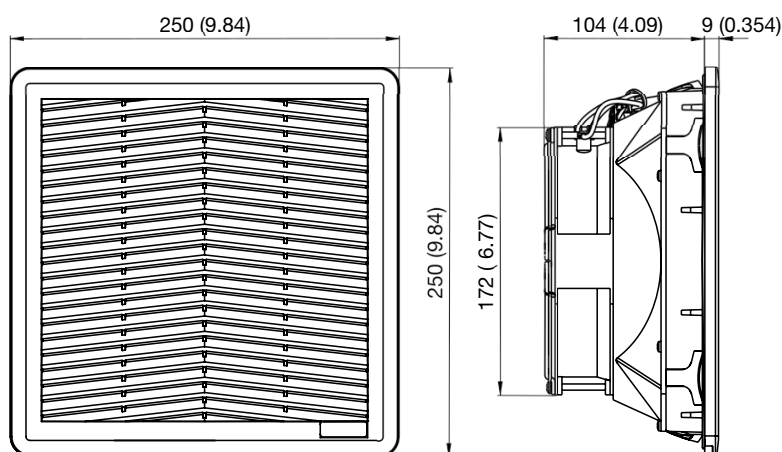
standard with fan

Technical data		
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Airflow Direction	Reverse	
Electrical Connection	Screwless Terminal Block	
Life Expectancy	100000	h at 25 °C
	100000	h at 68 °F
Wires Section	20-14	AWG
Wires Section	0.75-2.5	mm²
Fan Noise	52/56	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	-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 12	
UL Ambient Temperature	55	°C
	131	°F

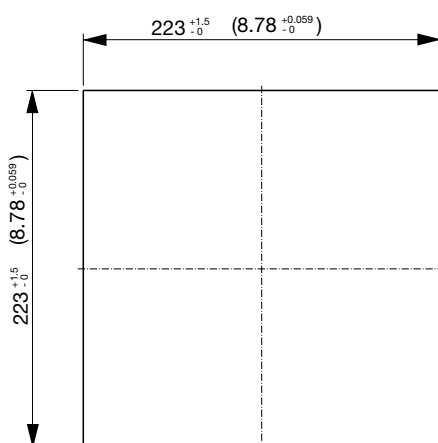
FF15A230UNR2

standard with fan

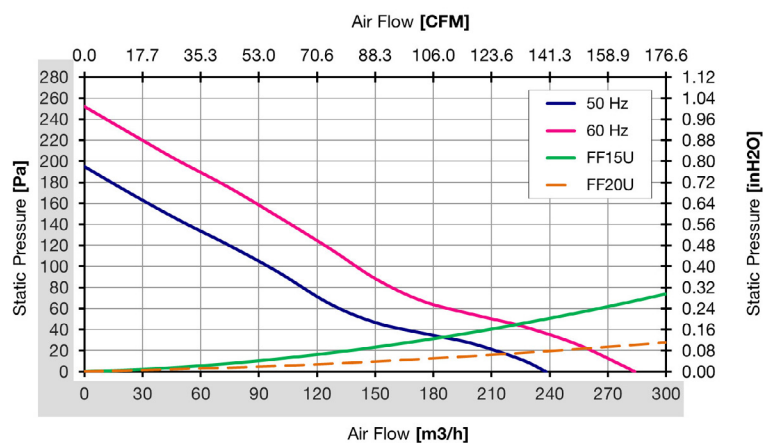
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15MA230UFR

standard with fan



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Technical data		
APPROVALS		
Approvals	CE	
PERFORMANCE		
Max Airflow	138/154 81/91	m³/h CFM
Airflow with Exhaust Filter	109/124 64/73	m³/h CFM
Max Static Pressure	80/55 0.32/0.22	Pa in H2O
ELECTRICAL DATA		
Rated Voltage	230	V a.c.
Rated Current	0.14/0.13	A
Rated Power	21/20	W
Operating Voltage	207-253	V a.c.
Frequency	50/60	Hz
Appliance Class	I	
Motor Protection	Impedance Protected	
MECHANICAL DATA		
Mounting Wall Thickness	1.3-3.7 0.05-0.15	mm in
GENERIC DATA		
Spare Parts Filter Media	M15FPF-EU3	

FF15MA230UFR

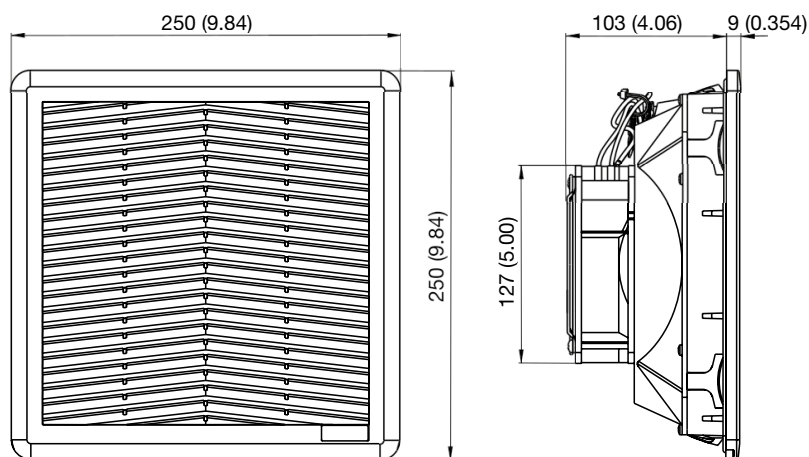
standard with fan

Technical data		
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Airflow Direction	Reverse	
Electrical Connection	Screwless Terminal Block	
Life Expectancy	80000	h at 25 °C
	80000	h at 77 °F
Wires Section	20-14	AWG
Wires Section	0.75-2.5	mm²
Fan Noise	46/50	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÷60	°C
	-22÷140	°F
Storage Temperature	-40÷70	°C
	-40÷158	°F

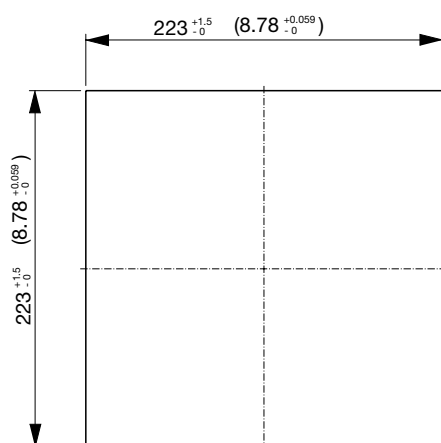
FF15MA230UFR

standard with fan

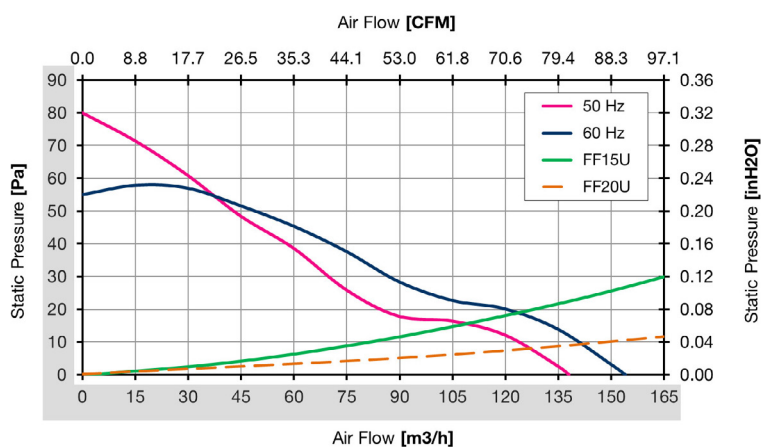
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15PA230UFR

standard with fan



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	108/123	m³/h
	64/72	CFM
Airflow with Exhaust Filter	91/104	m³/h
	54/61	CFM
Max Static Pressure	67/70	Pa
	0.27/0.28	in H2O
ELECTRICAL DATA		
Rated Voltage	230	V a.c.
Rated Current	0.11/0.1	A
Rated Power	18/17	W
Operating Voltage	216-244	V a.c.
Frequency	50/60	Hz
Appliance Class	I	
Motor Protection	Impedance Protected	
MECHANICAL DATA		
Mounting Wall Thickness	1.3-3.7	mm
	0.05-0.15	in
GENERIC DATA		
Spare Parts Filter Media	M15FPF-EU3	

FF15PA230UFR

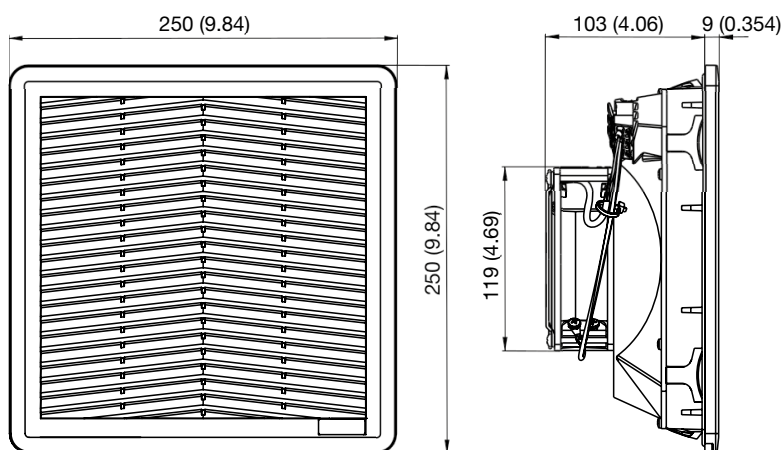
standard with fan

Technical data		
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Airflow Direction	Reverse	
Electrical Connection	Screwless Terminal Block	
Life Expectancy	57000	h at 25 °C
	57000	h at 77 °F
Wires Section	20-14	AWG
Wires Section	0.75-2.5	mm²
Fan Noise	46/49	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	-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 12	
UL Ambient Temperature	55	°C
	131	°F

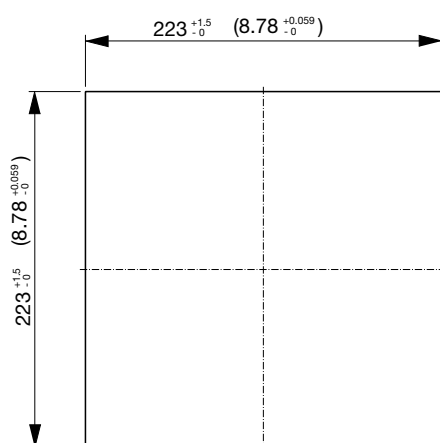
FF15PA230UFR

standard with fan

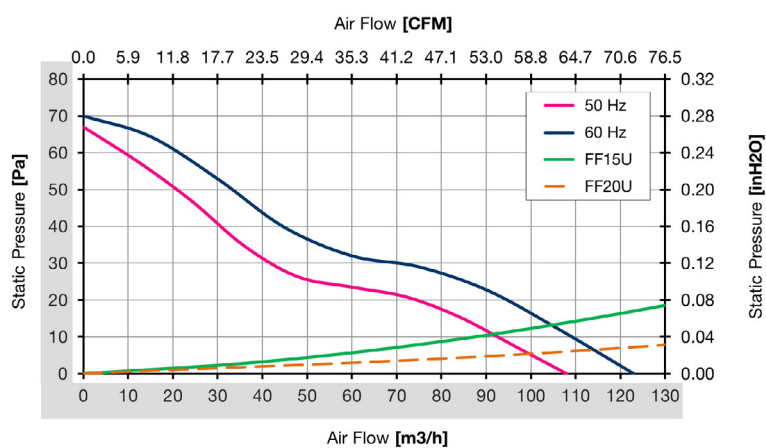
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15U

standard without fan



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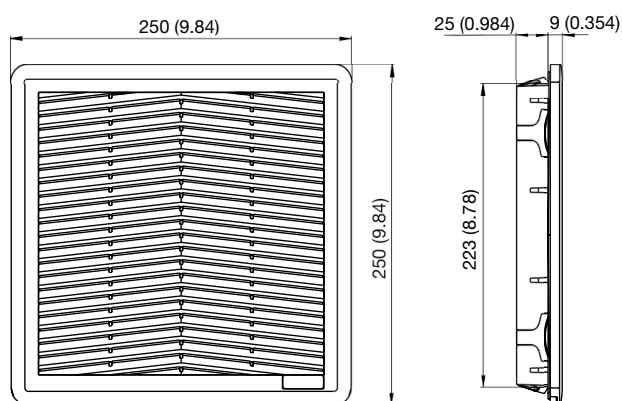
Technical data		
APPROVALS		
Approvals	CE; cURus; cULus; cCSAus	
MECHANICAL DATA		
Mounting Wall Thickness	1.3-3.7	mm
	0.05-0.15	in
GENERIC DATA		
Spare Parts Filter Media	M15FPF-EU3	
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Filter Class	ISO coarse 55%	ISO 16890
Filter Class	G3	EN 779
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP54	
Operating Temperature	-30÷60	°C
	-22÷140	°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	

Technical data		
UL Ambient Temperature	60	°C
	140	°F

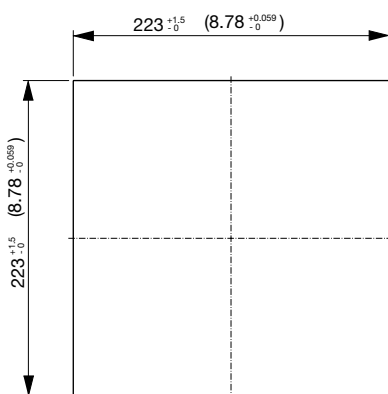
FF15U

standard without fan

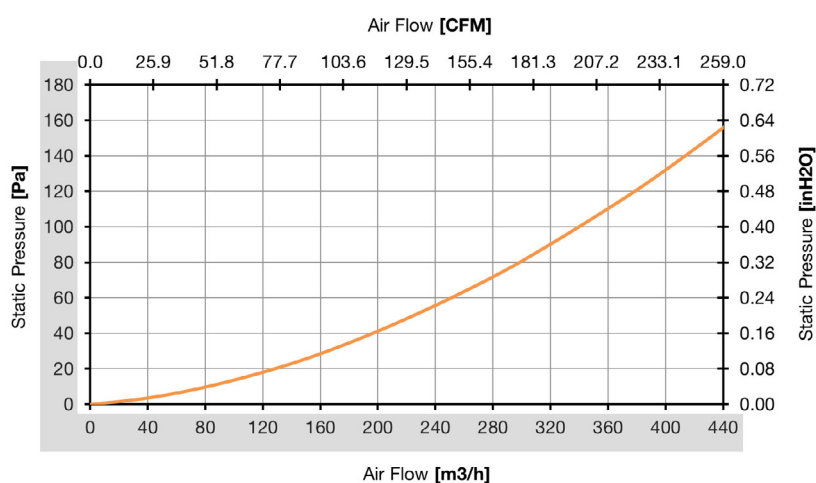
Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance



FF15U5

IP55 version without fan



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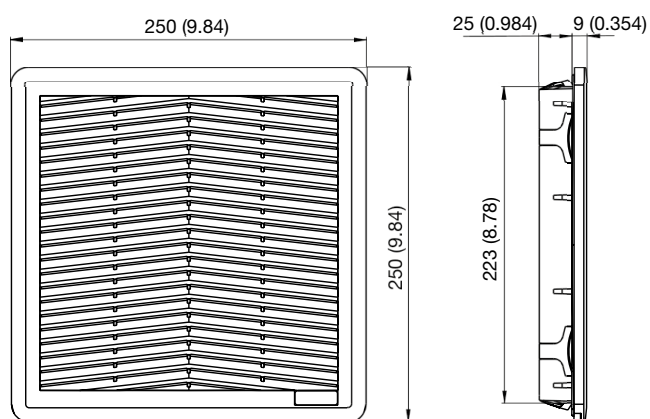
Technical data		
APPROVALS		
Approvals	CE; cURus; cULus; cCSAus	
MECHANICAL DATA		
Mounting Wall Thickness	1.3-3.7	mm
	0.05-0.15	in
GENERIC DATA		
Spare Parts Filter Media	M15FPF	
Casing Material	PC/ABS UL94 V-0	
RAL Number	7035	
Filter Class	ISO coarse 75%	ISO 16890
Filter Class	G4	EN 779
Filter Material	thermo-linked progressive structure synthetic fibre	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP55	
Operating Temperature	-30÷60	°C
	-22÷140	°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	

Technical data		
UL Ambient Temperature	60	°C
	140	°F

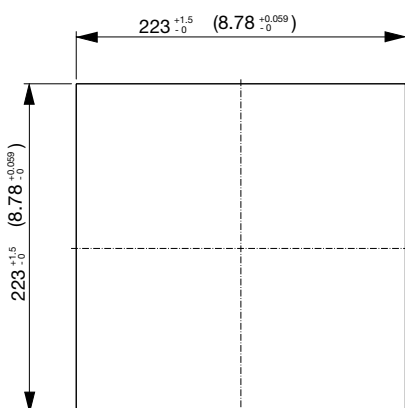
FF15U5

IP55 version without fan

Technical drawing mm (in)



Mounting cut-out mm (in)



Air performance

