

FXF11



Features

- Powerful bench top fume extraction system provides ultra-quiet and compact two stage filtration
- Proprietary FUMINATOR® rotating filter system draws fume away from operator and provides filtration 8 times better than a stationary filter
- Task lighting is energy efficient and provides for work on small applications that require focus and concentration on a specific area
- New dual adjustment knobs with larger one inch diameter for easier positioning
- Sliding arm for more targeted fume removal
- Quick and easy filter replacement
- Internal safety grills
- ESD safe
- 90 day warranty (does not include filters)

FXF11 Contents

FXF10	FUMINATOR® bench top fume extractor fan
SR538	115-120 VAC wall transformer
SR542	Stand with solder peg (solder spool not included)

Replacement Filters


XF01	Filter set contains one each rotating front filter and charcoal impregnated stationary rear filter
XF02	Primary rotating filter (set of 5)
XF03	Charcoal impregnated stationary rear filter (set of 5)



New task lighting



Proprietary rotating filter

Models & Specifications	FXF11	FXF11-230B	FXF11-230
Power Requirements	12VDC	12VDC	12VDC
Plug/Power Supply	USA Standard	British	European
Weight	 FXF11 models - 1.09 lbs (.49 kg)		
Dimensions	5.5" W x 12" H x 5.5" D 102mm x 229mm x 102mm		
Max Airflow	49 cfm		
Noise Level	53 db		

FXF11 FUMINATOR® Competitive Advantages



Specifications & Features	FXF11 Bench Top FUMINATOR Fume Extractor	Advantages
Weight	1.09lbs (.49kg)	At least 1 lb lighter than competitors
Dimensions	W 5.5", H 12", D 5.5"	Smaller footprint
	102mm x 229mm x 102mm	
Max Airflow	49cfm	The rotating filter delivers highly efficient airflow
Noise Level	53db	Whisper sound. Quieter than most models
Rotating Filter	Yes	Patented system draws fume away from the operator providing 8 times better filtration than stationary systems
Adjustment Arm - Upgraded!	Yes	New and improved adjustment knobs have larger one inch diameter for easier positioning. Enables the operator to angle the head to almost any working angle delivering maximum efficiency of filtration.
Solder Peg/Holder included	Yes	Provides a convenient place for the operator to put solder keeping the workbench clean and safe
Warranty	90 day warranty (excluding filters)	Will replace or repair unit at no charge during warranty period
Country of Origin	USA	Supporting the US job market, remaining socially responsible and contributing to cleaner safer environment
Filtration Type	Two-Stage Charcoal Filter	Not confined by 1 filter but utilizes 2 stage charcoal system. Each filter set contains 1 rotating filter and 1 charcoal impregnated stationary rear filter. The advantages are in that the FXF11 is able to filter even more air in a smaller space than other systems in its class



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What makes the Edsyn FXF11's patented rotating 2 stage filtration so special?

The FXF11 is designed to help make the workplace a healthier and more productive place to be. Because of the potentially hazardous fumes created while hand soldering, it is advantageous to remove that air from the operator's working area. While there are other products that target the same issue, the EDSYN FXF11 accomplishes this more efficiently. The key to the effectiveness lies in the proprietary ROTAFILTER filtration system. This system holds the fumes in the filter longer, thereby filtering better than a stationary filter. This system benefits from a secondary charcoal filter to filter out even more particulate matter. With this dual stage filtration system, the Bench Top Fuminators filter even more air in a smaller space than other fans in its class.

What is the FXF11's performance and how does it compare to other brands?

Performance studies have shown that the front filter has 20 pores per inch or about .05 inch hole size. Keep in mind that the front filter is rotating at the same speed of the fan blades, so filtering capability is increased as much as 10 times. The back filter has 10 pores per inch or .10 inch hole size. Maximum air flow for the fan is 49 cfm. With the front filter installed, the flow is 46 cfm (1.0 mm pressure drop). With both front and back filters installed, the flow is 21cfm (2.5 mm pressure drop). These figures are from our supplier's fan performance curve @ 2900 rpm and filter element properties. The fan is effective in drawing fumes if the fan face is perpendicular to the fume source at a distance of no more than 8 inches.

Isn't the FXF11 just a fan?

No, it's an EXTRACTOR, it does NOT blow away the smoke and fumes; it extracts and filters them using our patented rotating dual filtration system.

What is the filter life of the FXF11 and what are the replacement part numbers?

The FXF11 uses two filters; the primary rotating filter and the stationary charcoal filter as noted above. The replacement part numbers are:

- XF01 Filter set one each of XF02 and XF03
- XF02 Primary rotating filter (set of 5)
- XF03 Charcoal impregnated stationary filter (set of 5)

How long will the filters last?

Filter life depends on particle build-up on the filter. You would probably change filters in 2 weeks for heavy production soldering. (Note: Basically it's time to change the filters when they turn white and chalky)

Can you wash out the filters?

It is not recommended to wash out filters because they will lose their shape and effectiveness.

Does the FXF11 eliminate all the fumes and smoke?

No, it can't, it's too small of a system. However, the closer the unit is situated to the actual working area, the better it will work. If you wish to filter out more, EDSYN does offer larger systems that will capture 99.997% of all fumes and smoke.

What's the warranty?

90 days. If anything goes wrong with the unit (aside from obvious abuse and filter replacement) we will repair or replace the unit for FREE within that time period. This warranty does NOT apply to the filters.



FX225



Features

- Compact, economic and hassle free fume extraction for 2 operators includes powerful self-contained unit with two 50mm arms attached
- High efficiency HEPA filtration 99.997% effective to 0.3 microns
- Easy installation
- Optional gas filtration available
- Thermal trip circuit
- Quick and easy filter change
- 12 month warranty

Specifications for Model FX225

Power Requirements	110/115V 60HZ
Airflow	120 cfm (filters installed)
Motor	Maintenance-free brushless
Noise level	55 dba
Overall Dimension	10H"x10D"x17W" 480mm x 260mm x 280mm
Weight	22 lbs/10 kg
Duct size	50mm
Max number of attachments	2

Contents

FX225-1	FUMINATOR® volume fume extraction unit
FXS5015-L	Extra long 50mm arms with nozzles (includes 2)
XF2501-1	Pre-filter (1 each)
XF2502	Combined filter

Options Available

FX225-230	FUMINATOR® volume fume extraction unit in 230 Volts
XF2503	Gas filter
FXS5016-L	Extra long 50mm arm with funnel attachment



Specifications & Features	FX225 FUMINATOR Volume Fume Extractor	Advantages
Weight	22lbs/10kg	Lightweight & Compact
Dimensions	H 10" x D 10" x W 17" 480mm x 260mm x 280mm	Compact, small ecological footprint will fit under any bench
Max Airflow	120cfm (filters installed)	High efficiency airflow
Noise Level	55dba	Quiet operation
Warranty	12 months	Will replace or repair unit at no charge during warranty period
Country of Origin	United Kingdom	Manufactured in a country that is socially and environmentally responsible.
Filtration type	Pre, Gas, HEPA	HEPA filtration Pre-Filter – 95% effective at 00.8 microns Gas filtration – activated carbon impregnated with potassium permanganate
Filter Efficiency	99.997% effective to 0.3 microns	Highly rated and extremely efficient
No. of arms	2	Filtration available for up to 2 operations
No. of operators	2	Filtration available for up to 2 operations
Motor	Maintenance-free brushless	Delivers increased longevity of the motor
Duct size	50mm	Most popular size
Filter Change indicator light	Yes	Filter change indicator light allows for quick and easy filter changes
Thermal trip circuit	Yes	Automatic cut-out to prevent overheating
Duct run	16.4ft	Allows the unit to be placed either near or far to the operator - up to 16.4 feet away.

