

The right tool for fume extraction.

The importance of removing the harmful effects of fumes or particles when soldering can never be over emphasized. Fume extraction systems have become an essential part of the workbench and selecting the right tool to get the job done right is crucial when keeping the air we breathe clean. Medical conditions such as asthma and other respiratory tract illnesses can be the result of not maintaining a healthy work environment. The cost benefit of investing in fume extraction is seen in reduced absenteeism caused by ill-health and a general increase in staff morale which can only deliver improved productivity for the organization.

SELECTING THE RIGHT FUME EXTRACTION SYSTEM | The FUMINATOR line ranges from small bench-top extractor fans to larger custom designed volume extraction factory systems. Volume extraction units use low pressure, high volume pumps designed to draw large amounts of air out of the environment through a variety of extraction attachments. They effectively remove 99.997% of particulate down to 0.3 microns in diameter - that is several times smaller than a typical human hair (50-150 microns in diameter).

Each system is designed with a 3-stage filtration process:

Pre-Filter	<ul style="list-style-type: none"> • Protects the life of the Micro/HEPA Filter • Separates 95% of particulate down to 0.8 microns • Uses a pleated synthetic media
Micro/HEPA Filter	<ul style="list-style-type: none"> • Filter efficiency of 99.997% down to 0.3 microns and 95% as small as 0.01 microns • Designed to withstand up to 6 times the maximum operating pressure of its designated unit • Design of filter alleviates the possibility of airflow vibration or collapse caused by pressure build-up during gradual filter saturation
Gas Filter	<ul style="list-style-type: none"> • Totally eliminates dust migration • Composed of a bonded media comprised of activated carbon impregnated with potassium permanganate • Generates no dust

COMPACT & ECONOMICAL | Model FX225 is a complete fume extraction system designed for use by operators carrying out hand soldering within the electronics industry. This powerful self-contained unit has airflow of 120 cfm (filters installed). Installing the FX225 is quick and easy allowing the unit to be moved and reinstalled at other locations if necessary. It has 2 x 50 mm extraction arms benefitting two operators at the same time. The unit is designed for continuous running and changing the filters is quick and easy with virtually no downtime for the operators. Standard features include granulated carbon gas filter, filter blocked indicator and 99.997% HEPA filtration. The FX225 is quiet with a noise level measured at 55 dba. Selecting the FX225 is the right choice to get the job done right.



FUMINATOR® FX225 (arms not shown)

POWERFUL & EXPANDABLE | The FX300 volume fume extraction unit is a cost-effective entry level system for up to 4 operators. It is designed for continuous running, therefore reducing the need for regular inspection. There is a choice of moveable or 'stay-put' arms providing a maximum duct run of 290 feet using 75 mm ducting. The FX300 has an airflow of 250 cfm (188 cfm with filters installed). Installation is simple and filter change is quick reducing downtime. Quiet operation, small footprint and portability make the FX300 the right system to get the job done right!



FUMINATOR® FX300

INNOVATION AT ITS BEST | The FXF11 is a powerful bench top fume extraction system delivering excellent removal of fumes and particles directly from the face of the operator. It can serve as a pre-filter for larger fume extraction systems or can be used on its own. The innovative feature of the FXF11 is its proprietary FUMINATOR rotating two stage charcoal filter that is 8 times greater than other models with a single stationary filter. The fan can be positioned to any working angle to maximize its extraction efficiency. The FXF11 is ultra-quiet and has the additional benefit of task lighting to reduce glare and alleviate eyestrain. The compact size makes it ideal for cramped work spaces. This small but highly effective bench top fume extractor is the right tool for anyone wanting to operate in a healthier environment.



FUMINATOR® FXF11

A large selection of arms, hoods, nozzles, funnels and cowls are also available; catering for all applications. Larger systems are available for up to 10 operators. Regardless of bench configuration or number of operators, there is a FUMINATOR extraction system to meet all your needs. For more details inquire at EDSYN.

Taking the time to select the right fume extraction system is time well spent. Providing a healthy working environment is easy when the right tools are in place. The EDSYN FUMINATOR range gets the job done right!

The right tool is EDSYN.

50+ years | Soldering | Desoldering | SMT Rework | Fume Extraction | Accessories



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