



Volume Fume Extraction System

VFX-1000



Introducing the New Volume Fume Extraction System VFX-1000

Solder smoke is more than just an irritant. It can reduce worker productivity through a loss of concentration and fatigue. These and other health concerns may be a result of exposure to solder fumes during the production process. As an employer, you are responsible for properly managing the health risks associated with solder fumes, and take appropriate precautionary measures. Solder fume extraction is a simple way to manage the risks to employees and your organization.

Features:

- 2 Inlet ports 75mm diameter
- Capable of running up to 7 arms, with 10m of ducting per port
- 2 Filter configurations
 - Pre/HEPA/Gas (7.5KG of active carbon)
 - Pre/GAS (12kg of active carbon)
- Remote variable speed control
- ESD System and Accessories

**hose sold separately*

Systems

VFX-1000-H

VFX-1000 with HEPA Filter

VFX-1000-G

VFX-1000 with Deep Bed Gas Filter

VFX-1000

Volume Fume Extraction System



Features & Benefits

- Digital Speed Control
- Deep Pleat Pre-Filter
- Blower with high airflow and pressure
- 3 stage filtration
- Built in silencing
- Long life filters with low replacement costs
- Remote speed control
- Remote Start/Stop Interface
- Filter change/System Fail Signal
- Universal Voltage

Accessories



AC-VFX-ARM-RF

50mm ARM; 650mm LONG, w/round funnel



AC-VFX-ARM-PF

50mm ARM; 650mm LONG, w/plenum funnel



AC-VFX-ARM-LF

50mm ARM; 650mm LONG, LED w/Funnel
* Supplied with 12V DC PSU



AC-VFX-HK75

75mm to 50mm Hose Kit for VFX-1000

Each AC-VFX-ARM-XX requires one hose kit.

Hose Kit contains 1 -Table Bracket, 1 -75mm End Cap, 4- 50mm Cobra Clips, 1 -50mm Pipe stub, 1 -50-40mm reducer, 1 -75mm to 50mm Branch, 1- 50mm flexi hose 1.0m, 1- 75mm flexi hose 2.5m, 1- 50mm jubilee clip, 2- 75mm cuffs, 1- 50mm cuff, 1- bench mount flush seal system white 50mm inlet.

Replacement Filters

AC-VFX-FIL-PRE

Deep Pleat Pre-Filter for VFX-1000

AC-VFX-FIL-HEPA

Combined HEPA filterfor VFX-1000

AC-VFX-FIL-GAS

Deep Bed Gas Filter for VFX-1000

Technical Specifications

Volume Fume Extraction System

Ambient Operating Temperature	10 to 40 °C
Maximum Enclosure Temperature	55 °C
Input Line Voltage	100 - 240 VAC, grounded circuit
Output Frequency	50/60 Hz
Power	12.5 amps / 1.1 kw
Noise	<54dBA
Airflow/Pressure	350 m³/hr/96 mbar (206 cfm / 96 mbar)
Certification/Marking	TUV, CE
Dimensions w x d x h	590 x 375 x 415 mm (23.2 x 14.8 x 16.3")
Weight	35 Kgs (77 lbs)

Configuration

Maximum number of 32mm Arms	7
Maximum number of 50mm Arms, Cowls or Down Draft Trays	5
Maximum number of 75mm Arms, Cowls or Down Draft Trays	2

Deep Pleat Pre Filter Specification

Surface Media Area	6m2 approx.
Filter Media	Glass Fibre
Filter Media Construction	Folded
Filter Efficiency	F8 (95% @ 0.9 microns)

Combined Filter Specifications

HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Gas Filter	Treated Activated Carbon
Filter Housing	Zintec Mild Steel
Filter Efficiency	99.997% @ 0.3 microns