



# Volume Fume Extraction System

## VFX-1000

### Introducing the New Volume Fume Extraction System VFX-1000

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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.



*\*hose sold separately*

### Systems

#### **VFX-1000-H**

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VFX-1000 with HEPA Filter

#### **VFX-1000-G**

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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



#### AC-VFX-HK75

75mm to 50mm Hose Kit for VFX-1000

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

### Replacement Filters

#### AC-VFX-FIL-PRE

Deep Pleat Pre-Filter for VFX-1000

#### AC-VFX-FIL-HEPA

Combined HEPA filter for 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 m <sup>3</sup> /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	6m <sup>2</sup> 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