

**Introducing the New** 

**Volume Fume** 

# **Extraction System VFX-1000** Metcal's high-end range of extraction systems combine large filter capacity with high airflows and pressure. The VFX-1000 METCAL 0 system offers protection against harmful fumes. It incorporates 3-stage filtration, filter condition display, and built-in silencing. A truly state of the art fume purification solution.

# **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	AC-VFX-ARM-PF	AC-VFX-ARM-LF
50mm ARM,	50mm ARM,	50mm ARM;
650mm LONG w/	650mm LONG w/	650mm LONG, LEO
round funnel	plenum-funnel	w/ Funnel

### **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	