



Volume Fume Extraction System

VFX-1000

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 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

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

Accessories



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