



THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

FC FUMECAB 1000

Partial enclosures are becoming the recommended extraction option for a variety of applications. Government bodies, including the HSE in the UK are now making direct reference through guidance documentation such as the new HSG258 to their use.

The FumeCAB 1000 integrated filtration system has been designed to ensure compliance with the latest regulations. Key features include AirTek - BOFA's unique filter change technology. The innovative design enables safe and simple front loading filter replacement and provides many benefits over alternative rear access systems.

Ultra-bright slim line energy saving LED lights come as standard with optional UV lighting, making the FumeCAB 1000 an ideal choice for applications such as the conformal coating of PCBs, where operators can now easily identify uniformity issues with the coating.

STANDARD FEATURES:

- Certified to BS 7989:2001 - Recirculatory filtration fume cabinet specification
- Ensures operational compliance with HSG258 guidelines
- Auto Sensing Flow Control
- AirTek safe and easy filter replacement
- Energy saving ultra-bright slim line LED lighting
- Twin coated anti UV / anti splash protective Polycarbonate visor
- Low noise level
- Large working area
- Side entry blind grommets for equipment access
- Audible and visual warning alarms

The complete solution for fume cabinet extraction for a broad range of applications

TYPICAL APPLICATIONS:

- Soldering
- Conformal Coating
- Document Archiving
- Museum Works of Art Restoration
- Low volume spray painting / Varnishing
- Laboratory work
- Hobby / Craft industries
- Schools and Universities

OPTIONAL FEATURES:

- UV Lighting
- VOC monitor



BOFA's AirTek safe and easy filter replacement system.

UNIT PART NUMBERS				FILTER PART NUMBERS	
Model	Part No.	VOC Monitoring	Optional UV Lights	Pre Filter	Combined Filter
FumeCAB 1000	E2242A	A2003	A2010	A1030249	A1030250

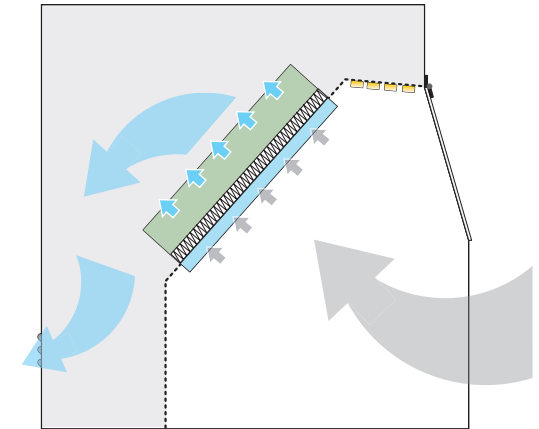
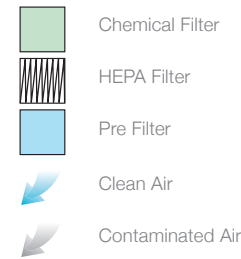
TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	720 x 1080 x 740mm	28.4 x 42.5 x 29.1"
Opening Dimensions (hwx)	580 x 1080mm	22.8 x 42.5"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Minimum Airflow Rate	500m³/hr	295cfm
Max Airflow Rate / Pressure	800m³/hr / 96mbar	470cfm / 96mbar
Face Velocity	0.4m/s	78.7ft/min
Max Face Velocity	0.6m/s	118ft/min
Electrical Data	230v 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 50/60Hz Full load current: 25 amps / 2.2kw
Noise Level	< 65dBA*	< 65dBA*
Weight	120kg	264lbs
Exhaust Outlet (Optional)	125mm	

* At typical operating speed.

PRE FILTER SPECIFICATIONS	
Filter Media Construction	Filter Pad
Filter Housing	Cardboard
Filter Efficiency	H11 (99% @ 0.3 microns)

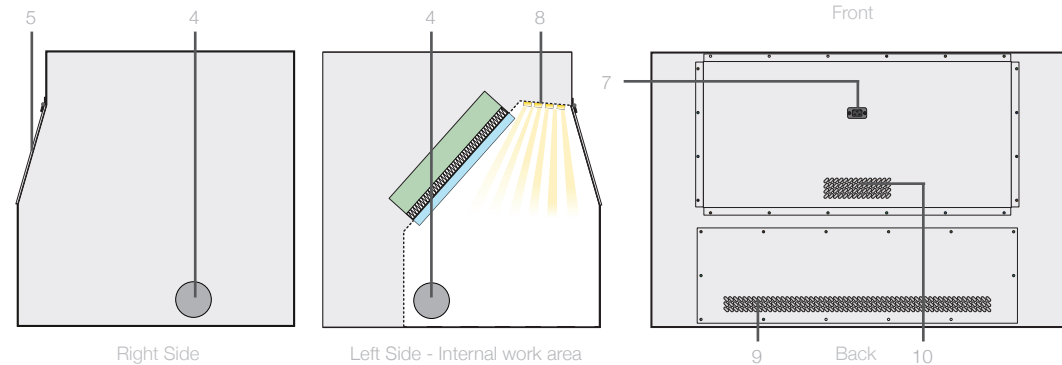
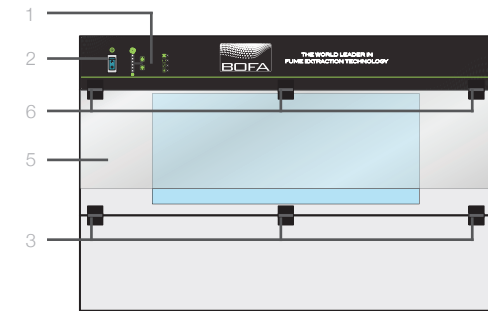
COMBINED FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	17kgs
Filter Efficiency	H13 (99.997% @ 0.3 microns)

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- 1 Unit / Filter Condition Display - Automatic Flow Control
- 2 On / Off Switch
- 3 Filter Compartment Hinges
- 4 Cable Entry Gromet
- 5 Transparent Visor
- 6 Transparent Visor Hinges
- 7 Power cable Inlet
- 8 Internal LED Lighting
- 9 Exhaust Outlet
- 10 Cooling Air Inlet
- 11



Other hose kits and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details. Replacement filters should always be ordered using the part number on the filters inside your extractor to ensure the correct filter is ordered. Datasheet correct at time of print.

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