

FC FumeCAB 1000 iQ

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.

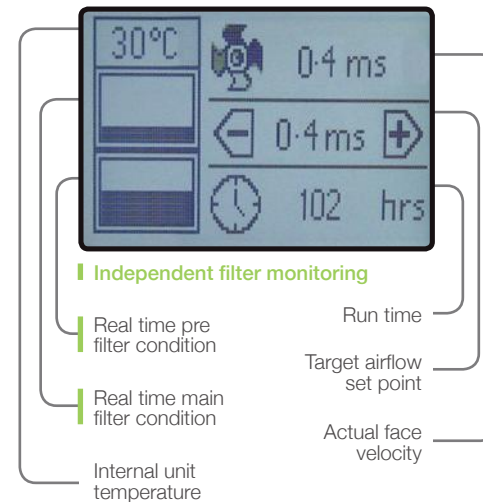
The FumeCAB 1000 iQ integrated filtration system has been designed to ensure compliance with the latest regulations. Key features include BOFA's iQ Operating System. The iQ system takes performance and safety parameters to a new level and ensures that maintenance, downtime and ownership costs are kept to a minimum.

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

STANDARD CABINET FEATURES:

- Certified to BS 7989:2001 - Recirculatory filtration fume cabinet specification
- Ensures operational compliance with HSG258 guidelines
- Reverse flow filter technology
- Automatic flow control system
- Energy saving ultra-bright slim line LED lighting
- Twin coated anti UV / anti splash protective Polycarbonate visor
- Combined HEPA/Gas filter incorporating ACF technology
- Filters with long life and low replacement cost
- Real time airflow reading
- Independent filter condition monitoring, display and warnings
- High contrast display
- 'Run safe' operation
- Remote diagnostics via USB
- Large working area
- Side entry blind grommets for equipment access

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



BOFA's safe and easy innovative front loading Cam filter replacement system.

OPTIONAL FEATURES:

- Smart Filter technology
- VOC gas sensor (Volatile Organic Compound)
- Interfacing
- UV Lighting
- Stand
- Optional filter media's



Take a look at the iQ animation, which explains exactly why the patented BOFA iQ Operating System provides unrivalled control and data management for your fume extraction unit.



Patented Technology - Patent No: GB2 499 812



<http://www.bofa.co.uk/iQOperationSystem.asp>

UNIT PART NUMBERS						FILTER PART NUMBERS	
Model	Voltage	Part No.	Optional VOC Monitor	Optional UV Lights	Optional Stand	Pre Filter	Combined Filter
FumeCAB 1000 iQ	230V	E2242A	A2003	A2010	A1060054	A1030249	A1030250
	115V	E2241A					

TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	1026 x 1000 x 660mm	40.3 x 39.4 x 26"
Opening Dimensions (HxWxD)	285 x 1000 x 650mm	11.2 x 39.4 x 25.6"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Face Velocity	0.4m/s	78.7ft/min
Max Face Velocity	0.6m/s	118ft/min
Electrical Data	230v 50/60Hz Full load current: 6 amps	115v 50/60Hz Full load current: 10 amps
Noise Level	< 60dBA*	< 60dBA*
Weight	120kg	264lbs
Exhaust Outlet (Optional)	125mm	
Approvals	CE	CE

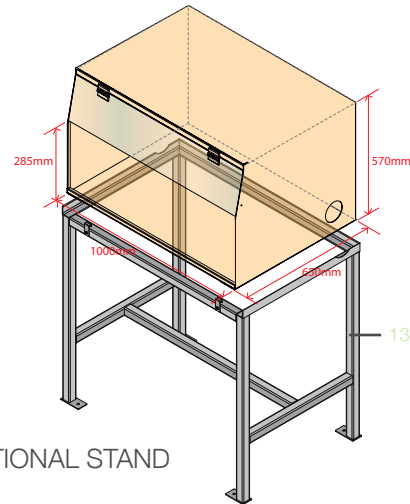
* At typical operating speed.

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

COMBINED HEPA/GAS 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	99.997% @ 0.3 microns

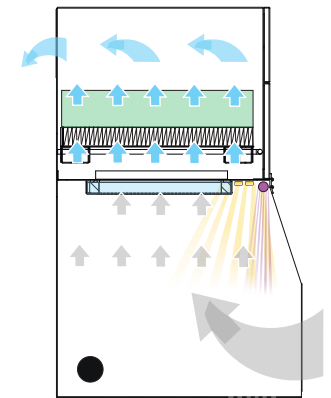
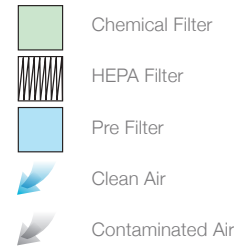
OPTIONAL STAND SPECIFICATIONS	
Dimensions (HxWxD)	943 x 1029 x 669mm / 37.1 x 40.5 x 26.3"
Stand Construction	Powder coated mild steel

INTERNAL WORK AREA



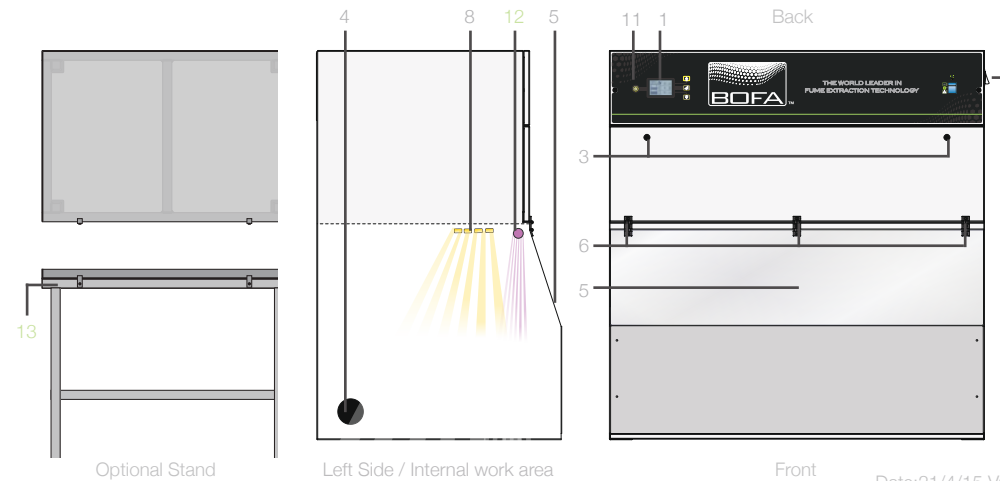
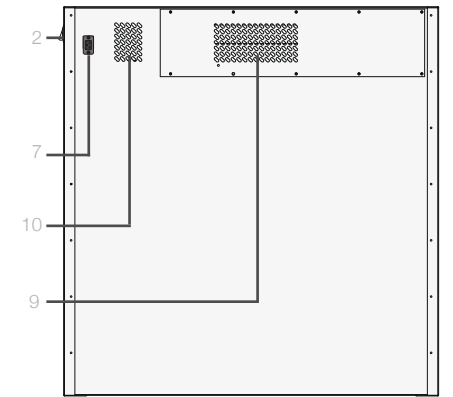
OPTIONAL STAND

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- iQ Display
- On / Off Switch
- Filter Compartment Hinges
- Cable Entry Grommet
- Transparent Visor
- Transparent Visor Hinges
- Power cable Inlet
- Internal LED Lighting
- Exhaust Outlet
- Cooling Air Inlet
- Standby Button
- Optional Internal UV Lighting
- Optional Stand



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. UV light option is not RoSH compliant. Datasheet correct at time of print.

Date:21/4/15 V:2



British Quality

