

Datasheet

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 the 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.



iQ Intelligent Technology



Featuring Advanced Carbon Filter technology

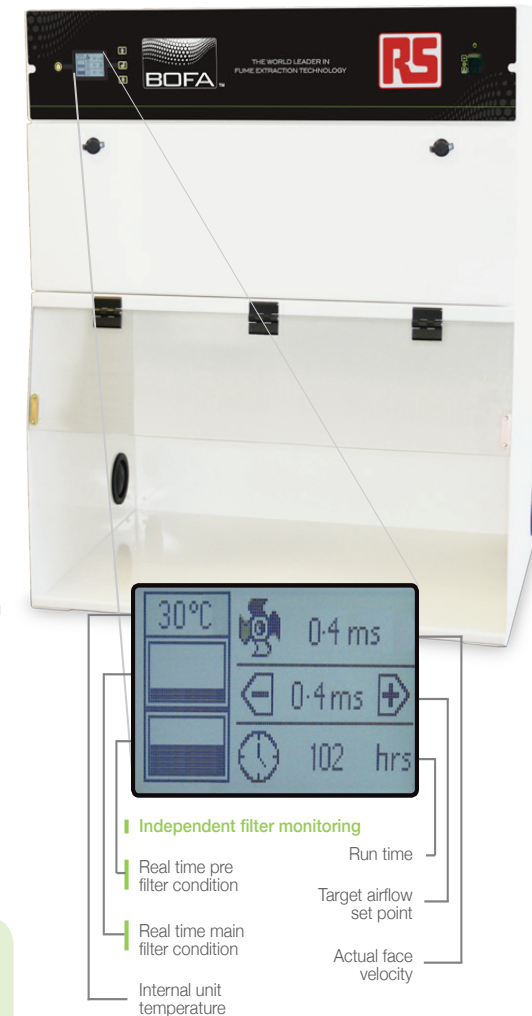


BOFA's safe and easy innovative front loading Cam filter replacement system.

OPTIONAL FEATURES: *

- UV Lighting
- VOC monitor
- Stand with castors

* **Optional features** are available on request. Please contact RS Components for more information.



UNIT PART NUMBERS		FILTER PART NUMBERS	
Model	Part No.	Pre Filter	Combined Filter
FumeCAB 1000 Powder Coated	7645736	764-5770	764-5789

TECHNICAL DATA	
	230V
Dimensions (HxWxD)	1026 x 1000 x 660mm (40.3 x 39.4 x 26")
Opening Dimensions (HxW)	285 x 1000 x 650mm (11.2 x 39.4 x 25.6")
Cabinet Construction	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
Noise Level	< 60dBA*
Weight	120kg (264lbs)
Exhaust Outlet (Optional)	125mm
Approvals	CE

* At typical operating speed.

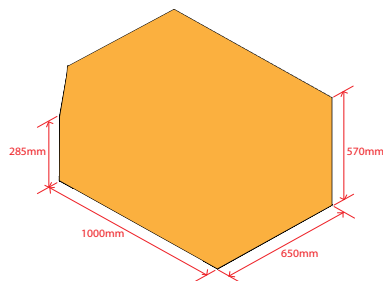
PRE FILTER SPECIFICATIONS	
Filter Media Construction	Filter Pad
Filter Housing	Cardboard
Filter Efficiency	H11 (99% @ 0.3 microns)

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

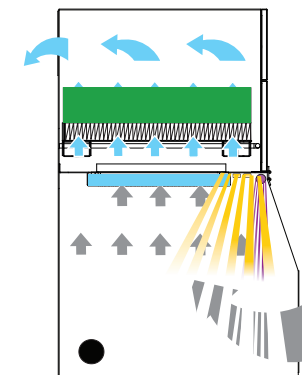
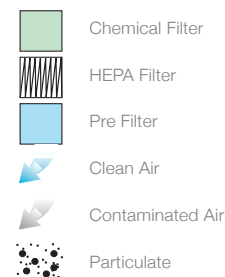
OPTIONAL STAND SPECIFICATIONS *	
Dimensions (HxWxD)	1010 x 1090 x 740mm / 39.7 x 42.9 x 29.1"
Stand Construction	Powder coated mild steel

* **Optional features** are available on request. Please contact RS Components for more information.

INTERNAL WORK AREA

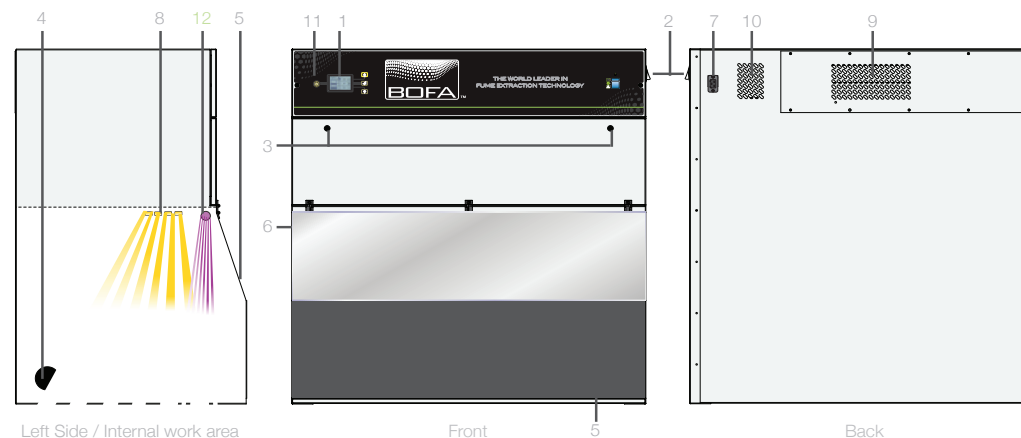
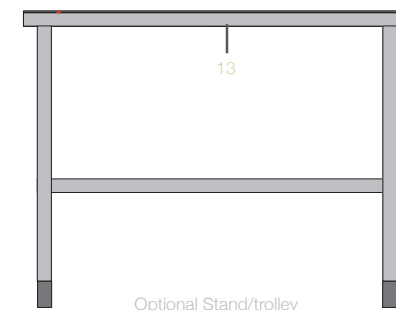


AIRFLOW THROUGH FILTERS



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 *



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