FumeCAB 1000 iQ

ELECTRONICS, PHARMACEUTICAL & MEDICAL

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

Partial enclosures are becoming the recommended extraction option for a variety of applications.

The FumeCAB 1000 iQ provides users with an extra depth of working space for taller applications.

BOFA's iQ Operating System and ultrabright slimline energy saving LED lights come as standard making this system an ideal choice of fume extraction for a wide variety of applications.

More information about the **Intelligent (iQ) Operating System**.

Technology

Intelligent (iQ) Operating System

HEPA filter

Automatic flow control (AFC) technology

Reverse flow air (RFA) technology

Advanced carbon filter (ACF) technology

Patented technology

ProTECT service plan

SureCHECK quality standard

Key features of the FumeCAB 1000 iQ

Certified to BS 7989:2001 Recirculatory filtration fume cabinet specification
Standard

Reverse flow filter technology
Standard

Automatic flow control system
Standard

Energy saving ultra-bright slim line LED lighting
Standard

Contact BOFA at **https://bofainternational.com/en/contact/**

https://bofainternational.com/us/portal/datasheets/fumecab-1000-iq/

Twin coated anti UV / anti splash protective Polycarbonate visor Standard	**Combined HEPA / Gas filter incorporating ACF technology** Standard
Filters with long life and low replacement cost Standard	**Real time airflow reading** Standard
Independent filter condition monitoring, display and warnings Standard	**High contrast display** Standard
'Run safe' operation Standard	**Remote diagnostics via USB** Standard
Large working area Standard	**Side entry blind grommets for equipment access** Standard
VOC gas sensor (Volatile Organic Compound) Optional	**Interfacing** Optional
UV lighting Optional	**Stand** Optional
Optional filter medias Optional	

Technical specification

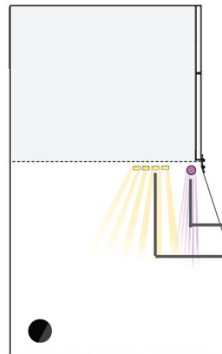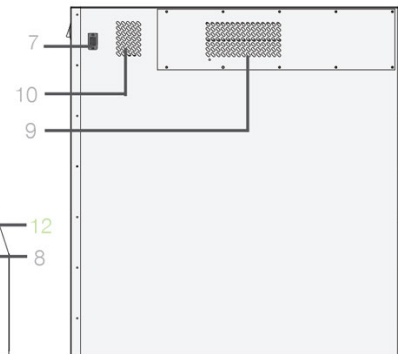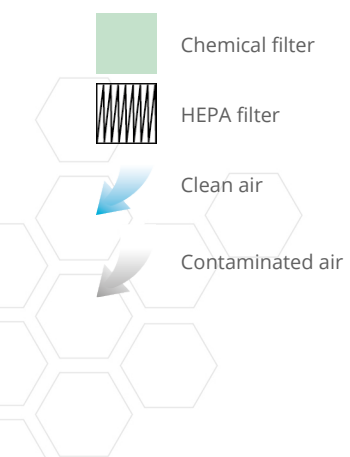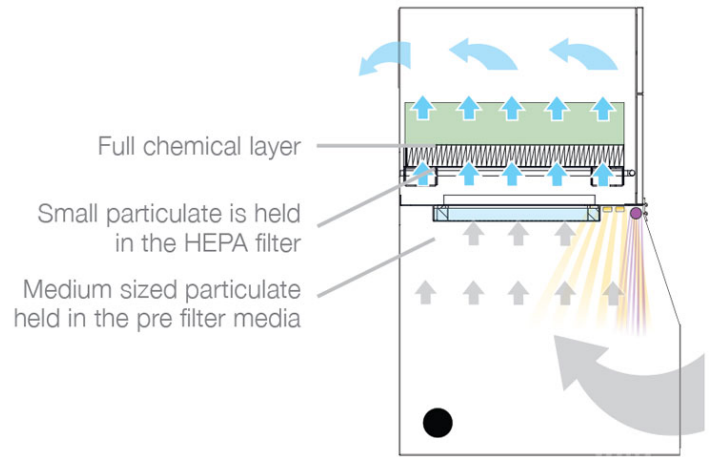|			
1. iQ display	**2.** On / Off switch	**3.** Filter compartment hinges	**4.** Cable entry grommet
5. Transparent visor	**6.** Hinges	**7.** Mains inlet	**8.** LED lighting
9. Exhaust	**10.** Cooling air inlet	**11.** Standby button	**12.** UV lighting (optional)

Front   Left Side / Internal work area   Back

Internal work area and optional stand

13. Stand (optional)

285mm

570mm

1000mm

650mm

13
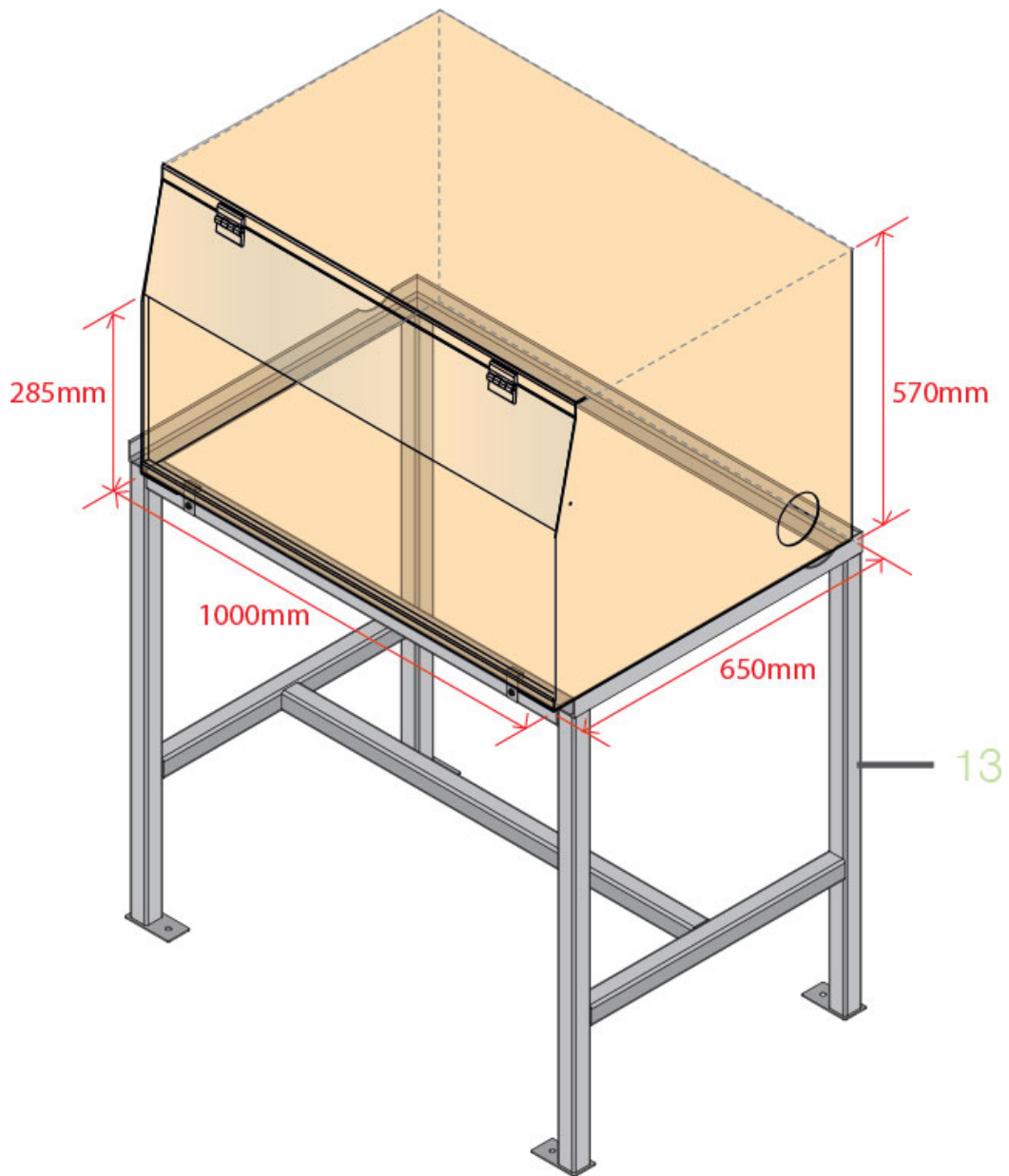
Airflow through filters

Chemical filter

HEPA filter

Clean air

Contaminated air

Full chemical layer

Small particulate is held in the HEPA filter

Medium sized particulate held in the pre filter media

Technical data

	EU	US
Dimensions (HxWxD)	1003 x 1000 x 655mm	39.49 x 39.37 x 25.79"
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 (At typical operating speed)	< 60dBA (At typical operating speed)
Weight	120kg	264lbs
Exhaust outlet (Optional)	125mm	125mm
Approvals	CE	CE

Pre-filter specifications

Filter media construction	Filter pad
Filter housing	Cardboard
Filter efficiency	99% @ 0.3 microns

Combined HEPA/Gas filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Pleated with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	17kgs (37.4 lbs)
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

Unit part numbers

Model	Voltage	Part No.
FumeCAB 1000 iQ Powder coated	230V	E2242A
FumeCAB 1000 iQ Powder coated	115V	E2241A

Replacement filter part numbers

Model	Part no.
Pre-Filter	A1030249
Combined Filter	A0130250

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOC's, however it is the responsibility of the user to ensure the carbon is suitable for their application. For specific applications, please contact us for details.

Think before you print! Please consider the environment before printing this document.