



A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

FumeCAB 700 ESD

ELECTRONICS, PHARMACEUTICAL & MEDICAL

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

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 700 ESD integrated filtration system has been designed to comply with the latest regulations. The innovative cam filter change design enables simple front-loading filter replacement and provides many benefits over alternative rear access systems.

Ultra-bright slimline energy-saving LED lights come as standard with optional UV lighting, making the FumeCAB 700 ESD an ideal choice for applications such as the conformal coating of PCBs, where operators can now easily identify uniformity issues with the coating.

Technology



HEPA filter



Automatic flow control (AFC) technology (230v only)



Reverse flow air (RFA) technology



Advanced carbon filter (ACF) technology



ProTECT service plan



SureCHECK quality standard

Key features of the FumeCAB 700 ESD

Certified to BS 7989:2001 - recirculatory filtration fume cabinet specification
Standard

Reverse flow filter technology
Standard

Energy saving ultra-bright slim line LED lighting
Standard

Combined HEPA / gas filter incorporating ACF technology
Standard

Anti static
Standard

Side entry blind grommets for equipment access
Standard

Low noise levels
Standard

Ensures operational compliance with HSG258 guidelines
Standard

Automatic flow control system (230v only)
Standard

Twin coated anti UV / anti splash protective polycarbonate visor
Standard

Filters with long life and low replacement cost
Standard

Large working area
Standard

Audible and visual warning alarms
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

Contact BOFA at <https://bofainternational.com/en/contact/>
<https://bofainternational.com/en/portal/datasheets/fumecab-700-esd/>



Approvals: REACH and RoHS. See individual product technical data for specific accreditations

UV lighting
Optional

Optional filter medias
Optional

Stand
Optional

Technical specification

1. Unit / filter condition display
- automatic flow control

2. On / off switch

3. Filter compartment hinges

4. Cable entry grommet

5. Anti static transparent visor

6. Visor hinges

7. Power cable inlet

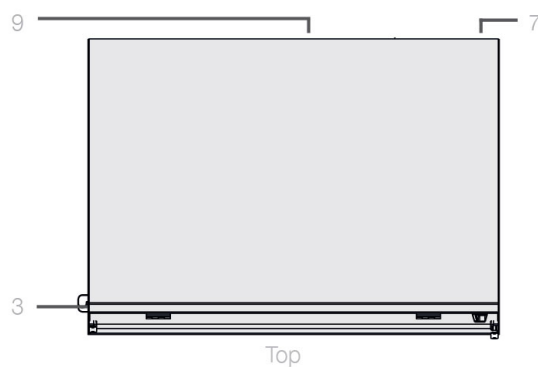
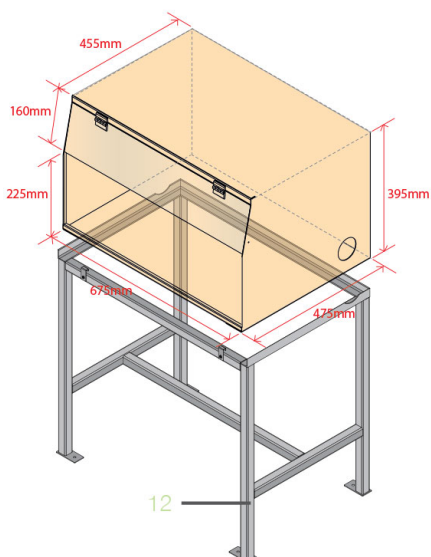
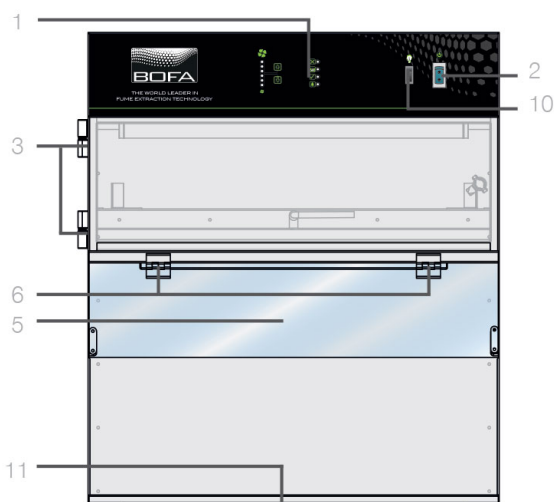
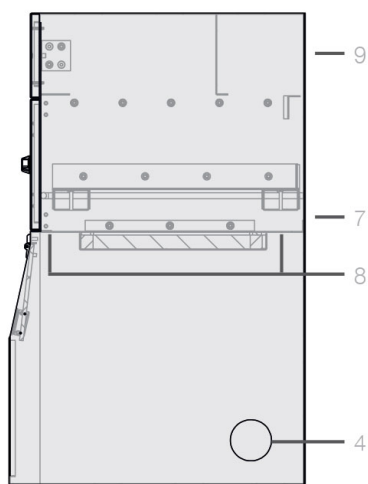
8. Internal LED lighting

9. Exhaust outlet

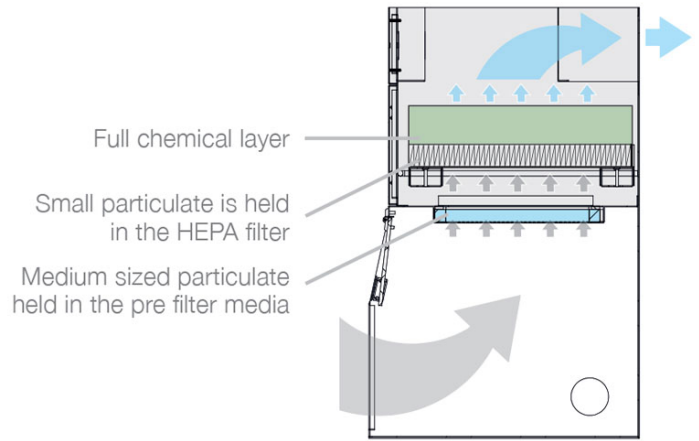
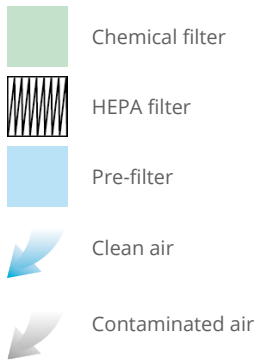
10. LED/UV light switch

11. Anti static mat

12. Optional stand



Airflow through filters



Technical data

	EU	US
Dimensions (HxWxD)	780 x 680 x 490mm	30.7 x 26.8 x 19.2"
Opening dimensions (HxW)	675 x 225mm	26 x 8.8"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Max face velocity	0.6m/s (118ft/min)	0.6m/s (118ft/min)
Electrical data	230V 50/60Hz Full current speed: 2 amps	115V 50/60Hz Full current speed: 3 amps
Noise level	< 55dBA at typical operating speed	< 53dBA at typical operating speed
Weight	73kg	161lbs
Exhaust outlet (Optional)	100mm	100mm
Approvals	UKCA and CE	UKCA and CE

Pre-filter specifications

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

Combined filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Maxi Pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	10kgs (22 lbs)
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

Unit part numbers

Model	Voltage	Part no.	Optional VOC Monitor	Optional UV lighting	Optional stand
FumeCAB 700 ESD Powder coated	115V	E2741A1000	A2003	A2009	A1060063
FumeCAB 700 ESD Powder coated	230V	E2742A1000	A2003	A2009	A1060063

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOCs, 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.

Important Notice: *Many factors beyond the control of BOFA can affect the use and performance of BOFA products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.*

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