

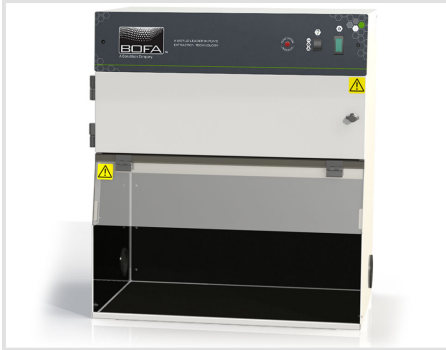


A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

FumeCAB 700 CC

ELECTRONICS, PHARMACEUTICAL & MEDICAL

Last Updated on 02.02.2022



The complete cabinet fume extraction solution for conformal coating 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 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 comes as standard with UV lighting, making the FumeCAB 700 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 CC

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

Large working area
Standard

Audible and visual warning alarms
Standard

Conformal coating blackout kit
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

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

Side entry blind grommets for equipment access
Standard

UV lighting
Standard

Low noise levels
Standard

Stand
Optional

Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/fumecab-700-cc/>



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

Optional filter medias
Optional

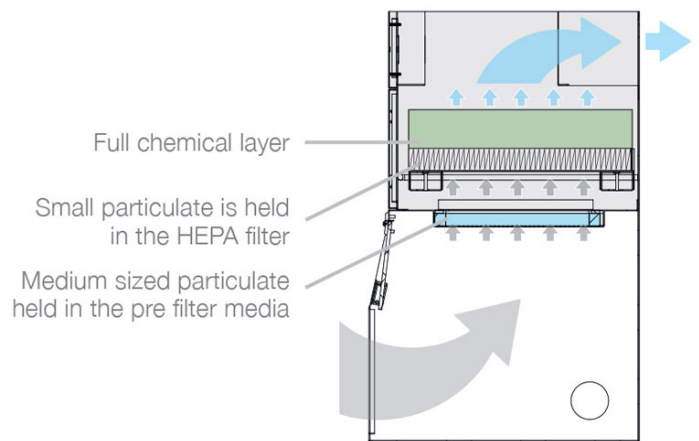
Technical specification

- 1. Unit / filter condition display / automatic flow control (230V version only)
- 2. On / off switch
- 3. Filter compartment hinges
- 4. Cable entry grommet
- 5. Transparent visor
- 6. Transparent visor hinges
- 7. Power cable inlet
- 8. Internal LED lighting
- 9. Exhaust outlet
- 10. LED/UV light switch
- 11. Blackout kit



Airflow through filters

- Chemical filter
- HEPA filter
- Pre-filter
- Clean air
- Contaminated air



Technical data

	EU	US
Dimensions (HxWxD)	780 x 680 x 460mm	30.7 x 26.8 x 18.1"
Opening dimensions (HxW)	225 x 675mm	8.8 x 26"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Face velocity	0.4m/s (78.7ft/min) (219m ³ /h)	0.4m/s (78.7ft/min) (219m ³ /h)

Technical data

Max face velocity	0.6m/s (118ft/min) (328m ³ /h)	0.6m/s (118ft/min) (328m ³ /h)
Electrical data	230v 50/60 Hz Full load current: 2 amps	115v 50/60 Hz Full load current: 3 amps
Noise level	< 63dBA	< 63dBA
Weight	73kg	161lbs
Exhaust outlet (optional)	100mm	100mm
Approvals	UKCA and CE	UKCA and CE

Pre-filter specifications

Filter media construction	Borosilicate pleat
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

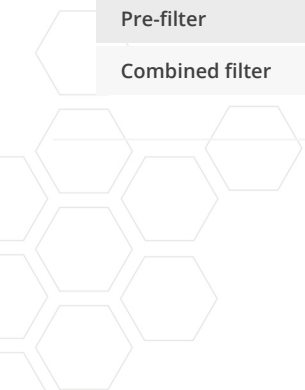
Dimensions (HxWxD)	1010 x 1090 x 740mm / 39.7 x 42.9 x 29.1"
Stand construction	Powder coated mild steel

Unit part numbers

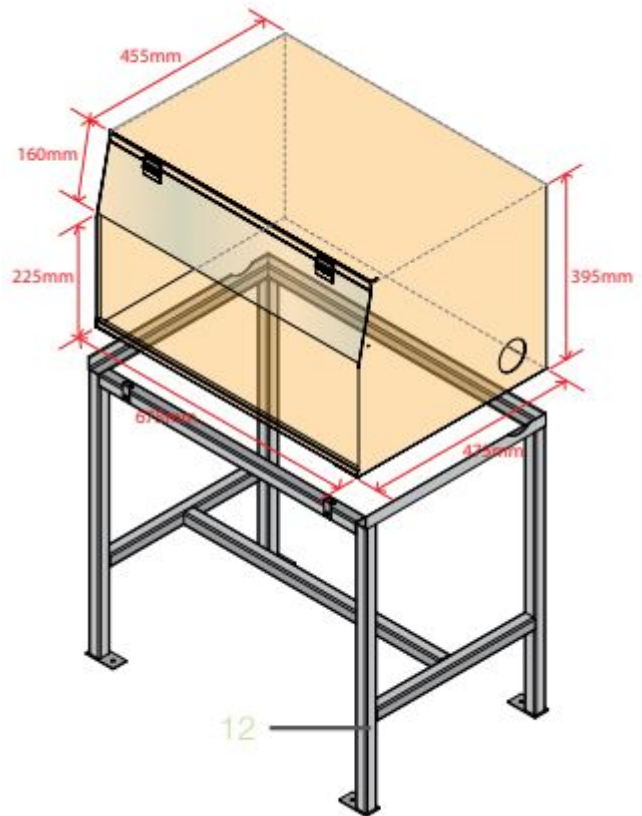
Model	Voltage	VOC monitor	UV lighting	Part no.	Optional stand
FumeCAB 700 CC Powder coated	115V	Yes	Yes	E2741A0260	A1060063
FumeCAB 700 CC Powder coated	230V	No	Yes	E2742A0256	A1060063
FumeCAB 700 CC Powder coated	230V	Yes	Yes	E2742A0260	A1060063

Replacement filter part numbers

Description	Part no.
Pre-filter	A1030269
Combined filter	A1030270



Internal work area and optional stand



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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