



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY



FumeCAB 600

ELECTRONICS, PHARMACEUTICAL & MEDICAL

Last Updated on 02.02.2022

The complete solution for fume cabinet extraction for various applications.

With the introduction of the HSG258 code of practice, partial enclosures are steadily becoming the preferred option for operator protection from fumes generated from processes such as hand soldering, solvent use, and other processes that produce fumes. BOFA's FumeCAB 600 fume cabinet has been purposely designed to help employers comply with these new regulations.

This cabinet has been designed to work with the V 600 extraction system.

Technology



ProTECT service
plan



SureCHECK
quality standard

Key features of the FumeCAB 600

FumeCAB 600
Standard

Strong rigid construction
Standard

V 600 filtration unit
Optional

Powder coated white
Standard

2 x 1.5 meters of 75mm flexible hose
Standard

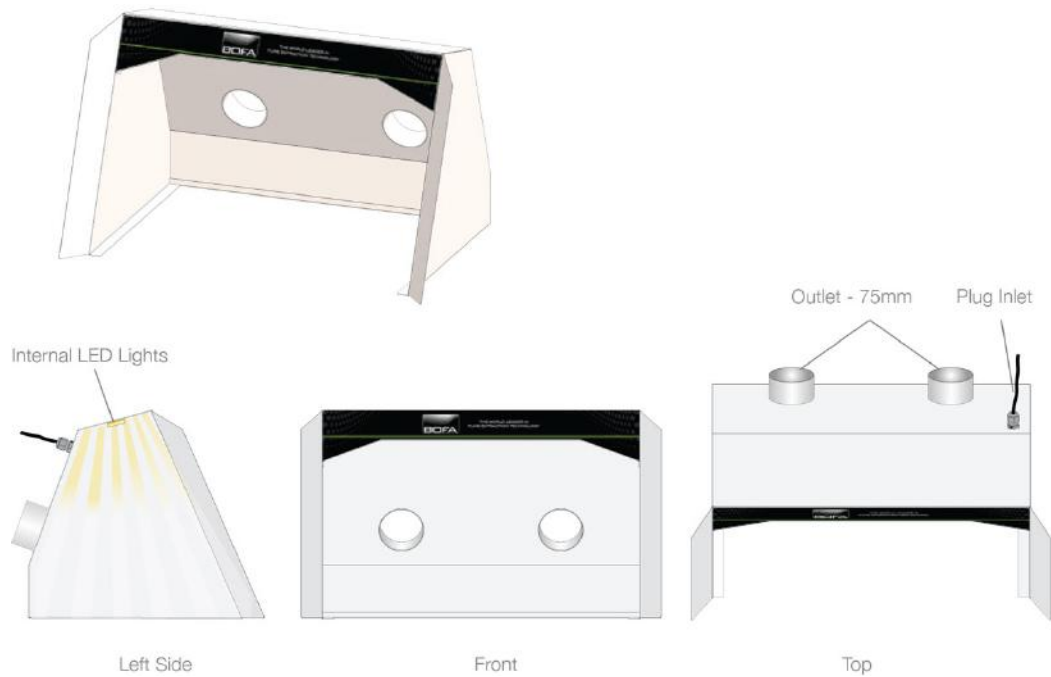
Technical specification

Contact BOFA at www.donaldsonbofa.com/contact/

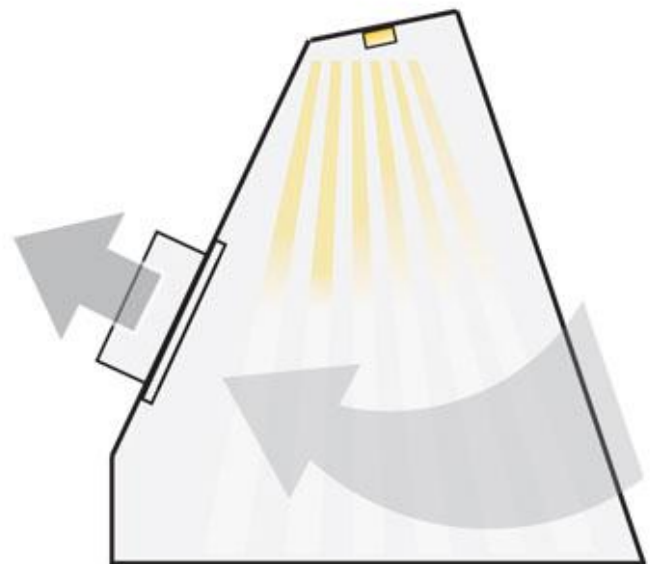
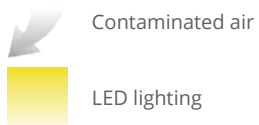
www.donaldsonbofa.com/fume-extraction-systems/fumecab-600/



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



Airflow through filters



Technical data

| | EU | US |
|---------------------------|-------------------|------------------------|
| Dimensions (HxWxD) | 355 x 610 x 420mm | 13.98 x 24.02 x 16.54" |
| Opening dimensions (HxW) | 315 x 540mm | 12.4 x 21.3" |
| Recommended face velocity | 0.5m/s | 150f/min |

Technical data - V 600 extraction system

| | EU | US |
|----------------------|--------------------------------|--------------------------|
| Dimensions (HxWxD) | 590 x 375 x 460mm | 23.22 x 14.76 x 18.11" |
| Cabinet construction | Powder coated mild steel | Powder coated mild steel |
| Airflow / pressure | 350m ³ /hr / 96mbar | 206cfm / 96mbar |

Technical data - V 600 extraction system

| | | |
|-----------------|--|--|
| Electrical data | 90-257v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw | 90-257v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw |
| Noise level | < 60dBA (at typical operating speed) | < 60dBA (at typical operating speed) |
| Weight | 35kgs | 77lbs |
| Approvals | UKCA and CE | UKCA and CE |

V 600 DeepPleat pre-filter specifications

| | |
|---------------------------|---|
| Filter media | Borosilicate |
| Filter media construction | Pleated |
| Filter efficiency | F8 (95% @ 0.9 microns) |
| Surface media area | 6m ² approx (64.56 ft ²) |

V 600 combined filter specifications

| | |
|--------------------------|--------------------------------|
| HEPA filter media | Borosilicate |
| HEPA media construction | Pleated with glue bead spacers |
| Gas filter | Treated activated carbon |
| Filter housing | Zintec mild steel |
| Treated activated carbon | 7.5kgs (16.5 lbs) |
| Filter efficiency | 99.997% @ 0.3 microns |

Part numbers

| Model | Part no. | Optional VOC monitoring |
|---|------------|-------------------------|
| FumeCAB 600 | A1020128 | N/A |
| FumeCAB 600 and V600 fitted with combined HEPA/Gas filter | E1142A0005 | A2003 |

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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