



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY



# FumeCAB 250

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 250 fume cabinet has been purposely designed to help employers comply with these new regulations.

This cabinet has been designed to work with the V250 extraction system.

## Technology



ProTECT service plan



SureCHECK quality standard

## Key features of the FumeCAB 250

LED strip light  
Standard

Strong rigid  
Standard

V 250 filtration unit  
Optional

Powder coated white  
Standard

1 x 1.5 meters of 75mm flexible hose  
Standard

## Technical specifications

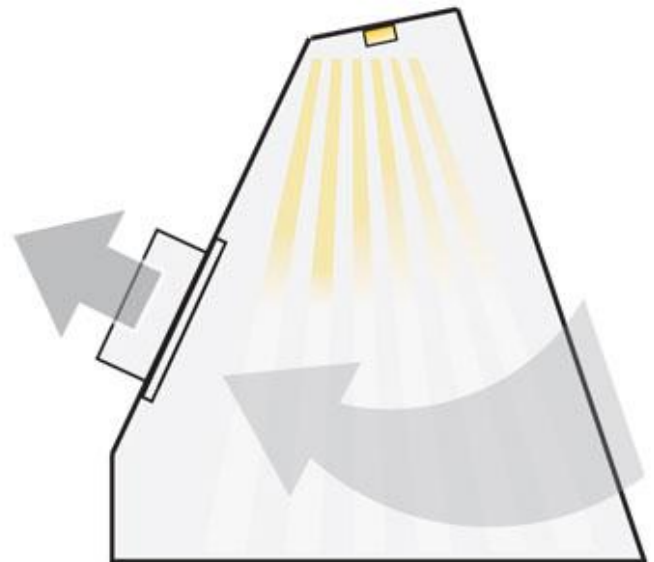
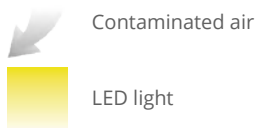
Contact BOFA at [www.donaldsonbofa.com/contact/](http://www.donaldsonbofa.com/contact/)  
[www.donaldsonbofa.com/fume-extraction-systems/fumecab-250/](http://www.donaldsonbofa.com/fume-extraction-systems/fumecab-250/)



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



## Airflow through filters



### Technical data

	EU	US
Dimensions (HxWxD)	290 x 400 x 300mm	11.42 x 15.75 x 11.81"
Opening dimensions (HxWxD)	265 x 400mm	10.4 x 15.7"
Recommended face velocity	0.5m/s	118 f/min

### Technical data - V 250 extraction system

	EU	US
Dimensions (HxWxD)	430 x 290 x 290mm	16.93 x 11.42 x 11.42"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	180m <sup>3</sup> /hr / 30mbar	106cfm / 30mbar

## Technical data - V 250 extraction system

Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 0.9 amps / 135w	115v 60/50Hz Full load current: 1.2 amps / 135w
Noise level	< 55dBA (at typical operating speed)	< 55dBA (at typical operating speed)
Weight	10kg	22lbs
Duct size	50mm	2"
Max duct run	5 mtrs	16.4ft
Approvals	UKCA and CE	UKCA and CE

## V 250 pre-filter specifications

Filter media	Borosilicate
Filter media construction	Pad
Filter efficiency	F7 (96% @ 2 microns)

## V 250 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	2kgs (4.4 lbs)
Filter efficiency	99.997% @ 0.3 microns

## Part numbers

Model	Part no.	Optional VOC monitoring
FumeCAB 250	A1020127	N/A
FumeCAB 250 and V 250 fitted with combined HEPA/Gas filter	E0842A0006	A2003
FumeCAB 250 and V 250 fitted with double gas filter	E0842A0007	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.*

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

