



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# FumeCAB 250

ELECTRONICS, PHARMACEUTICAL & MEDICAL

Last Updated on 30.08.2018



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 harmful fumes. BOFA's FumeCAB 250 fume cabinet has been purposely designed to help employers comply to 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

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

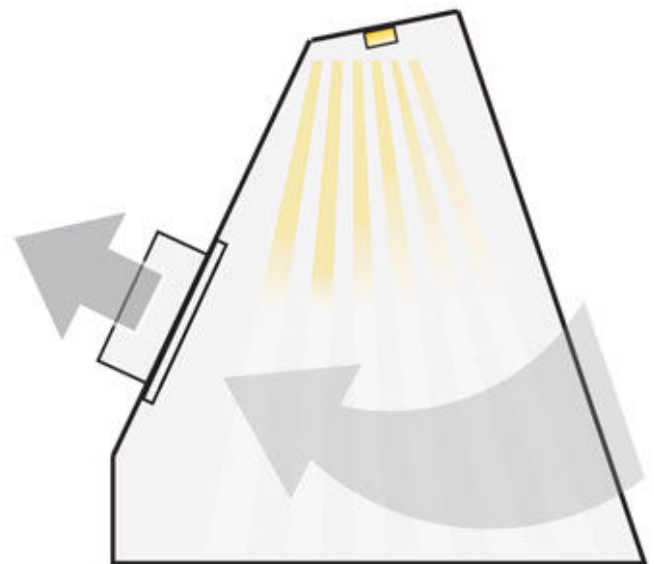
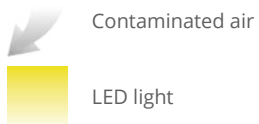
<https://bofainternational.com/en/portal/datasheets/fumecab-250-2/>



## Technical specifications



## 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 |

## Technical data - V 250 extraction system

|                    |                                                     |                                                 |
|--------------------|-----------------------------------------------------|-------------------------------------------------|
| Airflow / Pressure | 180m <sup>3</sup> /hr / 30mbar                      | 106cfm / 30mbar                                 |
| Electrical data    | 230v 1ph 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          | CE                                                  | CE                                              |

## V 250 pre filter specifications

|                           |                      |
|---------------------------|----------------------|
| Filter media              | Glass fibre          |
| Filter media construction | Pad                  |
| Filter efficiency         | F7 (96% @ 2 microns) |

## V 250 combined filter specifications

|                          |                                              |
|--------------------------|----------------------------------------------|
| HEPA filter media        | Glass fibre                                  |
| HEPA media construction  | Maxi Pleat construction with webbing 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                   |

## Other languages

FumeCAB 250  
[French](#)

FumeCAB 250  
[Italian](#)

*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.*