



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

# FumeCAB 600

ELECTRONICS, PHARMACEUTICAL & MEDICAL

Last Updated on 30.08.2018



The complete solution for fume cabinet extraction for various applications.

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.

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

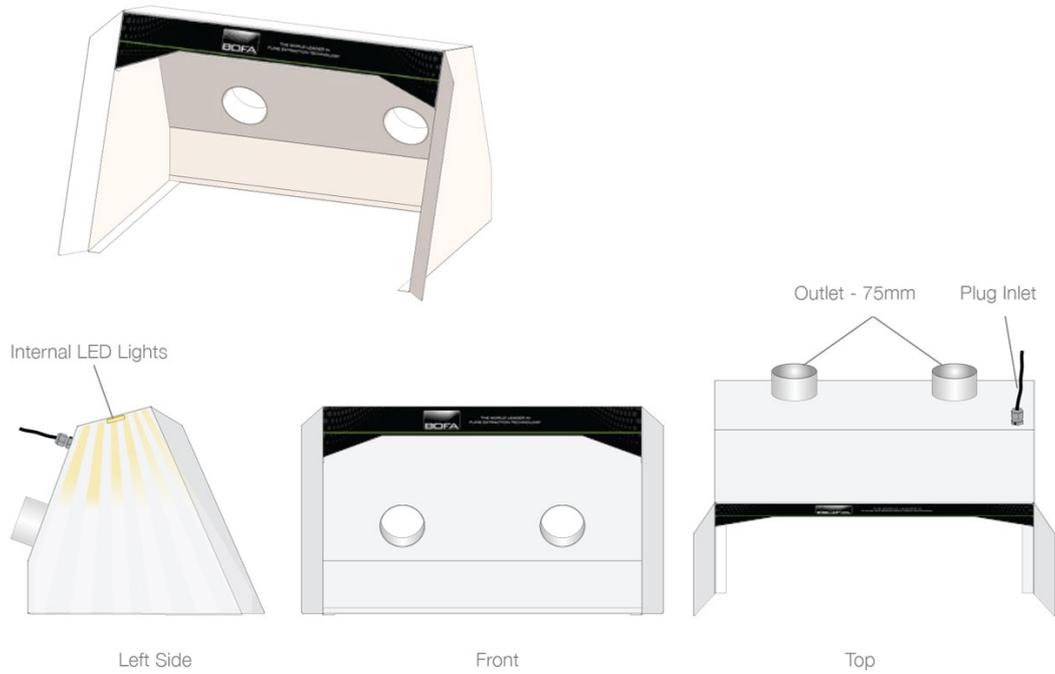
2 x 1.5 meters of 75mm flexible hose  
Standard

## Technical specification

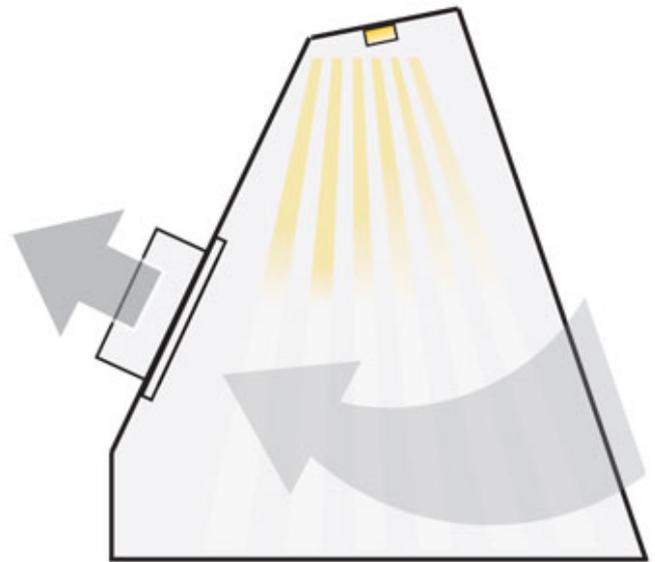
Contact BOFA at <https://bofainternational.com/en/contact/>  
<https://bofainternational.com/us/portal/datasheets/fumecab-600/>



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 <sup>3</sup> /hr / 96mbar	206cfm / 96mbar

## Technical data - V 600 extraction system

Electrical data	90-257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	90-257v 1ph 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	CE	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 <sup>2</sup> approx (64.56 ft <sup>2</sup> )

## 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

## Other languages

FumeCAB 600  
[French](#)

FumeCAB 600  
[Italian](#)

*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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