



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



# V 200

## ELECTRONICS

Last Updated on 29.08.2018



Single arm fume extraction system for electronics hand soldering processes.

BOFA's V 200 extraction unit has been designed to effectively capture and remove the potentially harmful fumes generated during hand soldering tasks. This portable system comes complete with an extraction arm and installation kit that contain everything required to set up one operator.

With a choice of arms, low noise levels and fast and easy installation, this unit can be moved with the work bench when factory layouts need changing due to production demands. The unit's fully comprehensive 3 stage filtration capabilities make it perfect for today's electronics manufacturing environments.

### Technology



HEPA filter



Advanced carbon filter (ACF) technology



ProTECT service plan



SureCHECK quality standard

### Key features of the V 200

Filter blocked indicator  
Standard

99.997% HEPA filtration  
Standard

Single 1.4m extraction arm  
Optional

Granulated carbon gas filter (ACF) technology  
Standard

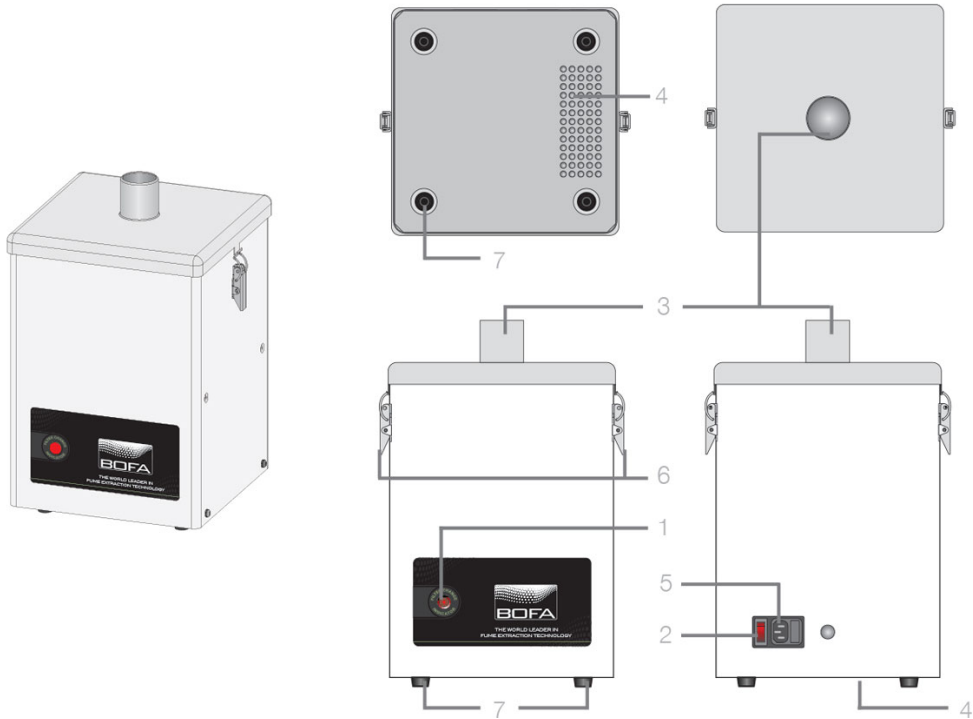
1 x table mount installation kit and extraction arm  
Optional

Selection of arms  
Optional









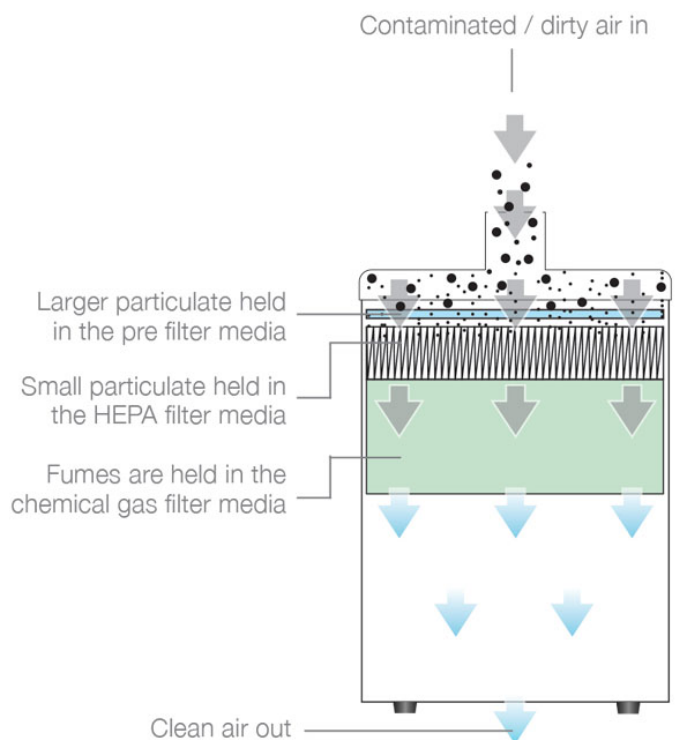
## Technical specification

- 1. Filter condition display light
- 2. On / off switch
- 3. Hose inlet connection - 50mm
- 4. Exhaust outlet
- 5. Power cable inlet
- 6. Lid latches
- 7. Feet



## Airflow through filters

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



## Technical data

	EU	US
Dimensions (HxWxD)	420 x 290 x 270mm	16.54 x 11.42 x 10.63"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	90m <sup>3</sup> /hr / 20mbar	53cfm / 20mbar
Electrical data	230v 1ph 50/60Hz Full load current: 0.45 amps / 90w	115v 60/50Hz Full load current: 0.85 amps / 107w
Noise level	< 54dBA (at typical operating speed)	< 54dBA (at typical operating speed)
Weight	10kg	22lbs
Duct size	50mm	2"
Max duct run	3mtrs	9.8ft
Approvals	CE	CE

## Pre-filter specifications

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

## 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
Filter efficiency	9.997% @ 0.3 microns

## Unit part numbers

Model	Option	Voltage	Part Number
V 200 Powder coated	Unit only (no install kit)	230V	E0742A0001
V 200 Powder coated	Unit only (no install kit)	115V	E0741A0001
V 200 Powder coated	Table mount installation kit and extraction arm	230V	E0742A0000
V 200 Powder coated	Table mount installation kit and extraction arm	115V	E0741A0000
V 200 Powder coated	Single 1.4m extraction arm	230V	E0742A0002
V 200 Powder coated	Single 1.4m extraction arm	115V	E0741A0002

## Replacement filters

Description	Part number
Pre-filter (Pack of 5)	A1030102
Combined filter	A1030099

## Unit options



Single arm volume extraction unit designed to extract fumes for one operator. Ideal for factories with changing demands and production layout changes.

1 - Unit only	2 - Table mount installation kit and extraction arm	3 - Single 1.4m extraction arm
Filter blocked Indicator	50mm x 650mm ESD Stay Put extraction arm	50mm x 1.4m ESD Stay Put extraction arm
Granulated carbon gas filter - ACF	Unique flip top flush sealing mounting plate	Filter blocked Indicator
99.997% HEPA filtration	Installation flex and table bracket	Granulated carbon gas filter - ACF
	Filter blocked Indicator	99.997% HEPA filtration
	Granulated carbon gas filter - ACF	
	99.997% HEPA filtration	

## Arm accessories



## Arm accessories

Number reference to photo	Description	Part number
1	32mm ESD Stay put arm with funnel	A1020044
2	32mm ESD Stay put arm with nozzle	A1020046
3	50mm ESD Stay put arm with funnel	A1020045
4	50mm ESD Stay put arm with nozzle	A1020047
5	50mm ESD Stay put arm with slot	A1020049
6	38mm Stainless steel stay put arm with nozzle	A1020160
7	38mm Stainless steel stay put arm with funnel	A1020184
8	50mm ESD stay put arm with plenum funnel	A1020179
9	Light arm - White	A1020168
10	Light arm - Black	A1020169

## Replacement unit mounted arm

Number reference to photo	Description	Part number
11	Replacement arm - 50mm x 1.4m arm with nozzle (unit mounted)	A1020331

## Unit/Arm accessory hose kit

Number reference to photo	Description	Part number
12	50mm arm installation kit without arm	A1020177

## Other languages

V 200 datasheet  
[Spanish](#)

V 200 datasheet  
[German](#)

V 200 datasheet  
[Russian](#)

V 200 datasheet  
[French](#)

V 200 datasheet  
[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.*



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