BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

V 250

ELECTRONICS

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Dual arm fume extraction system for electronics hand soldering processes.

BOFA's V 250 extraction unit has been designed to effectively capture and remove the potentially harmful fumes generated during hand soldering tasks. This portable system is offered in a number of configurations to cater for different factory layouts and contains everything required to set up 2 operators with ease.

Fast and easy installation allows this unit to be moved with the work bench when factory layouts need changing due to production demands. The unit's low noise level and fully comprehensive 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 250

Advanced carbon gas filter
Standard

99.997% HEPA filtration
Standard

Filter blocked indicator
Standard

Unique flip top flush sealing mounting plate
Optional

Remote speed control and power switch (230V only)
Optional

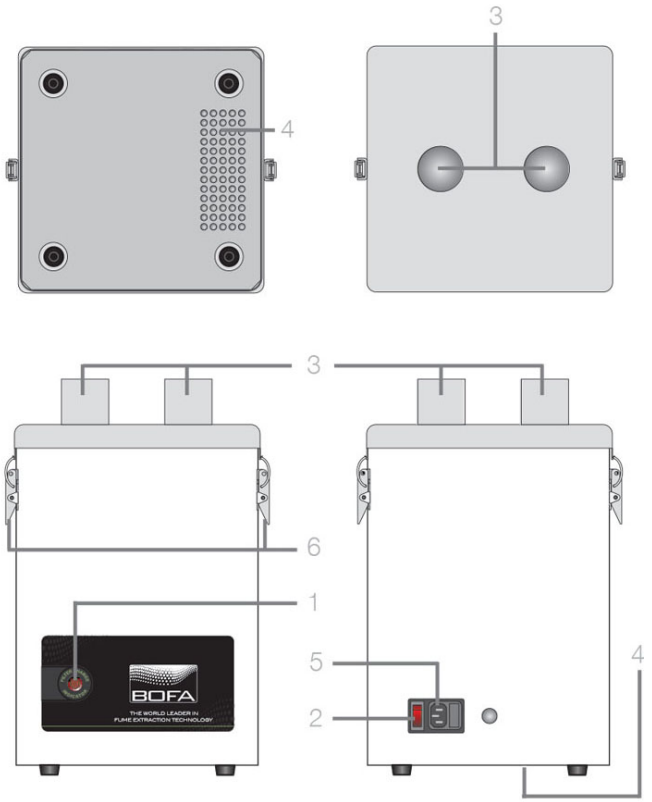
2 x table mount installation kit and extraction arm
Optional

Wide selection of arms
Optional

Technical specifications

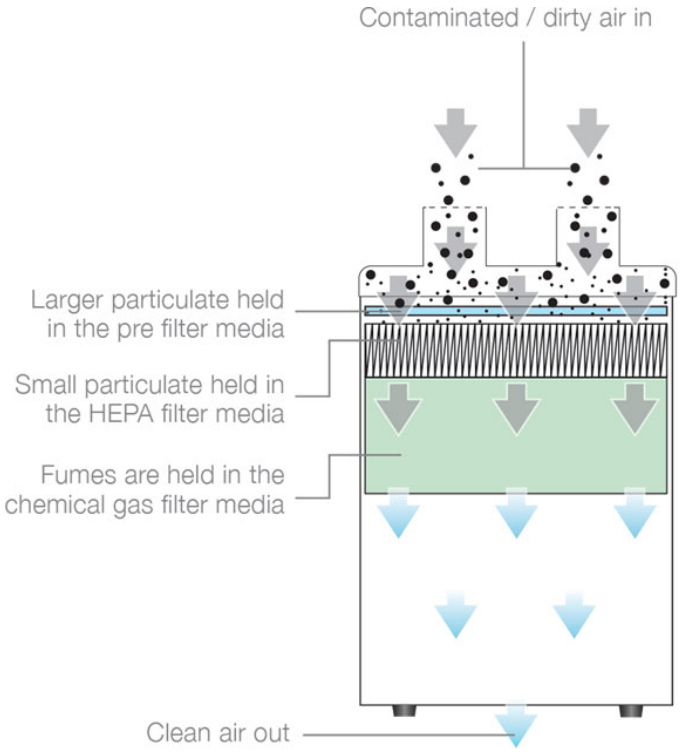
1. Filter condition display light
2. On / off switch
3. Hose inlet connection - 50mm
4. Exhaust outlet
5. Power cable inlet
6. Lid latches





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	180m³/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	< 61dBA (at typical operating speed)	< 61dBA (at typical operating speed)
Weight	10kg	22lbs
Duct size	50mm	2”
Max duct run	5 mtrs	16.4ft
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
Treated activated carbon	2kgs (4.4 lbs)
Filter efficiency	99.997% @ 0.3 microns

Unit part numbers

Model	Option	Speed Control	Voltage	Part Number
V 250 Powder coated	Unit only (no install kit)	No	230v	E0842A0013
V 250 Powder coated	Unit only (no install kit)	No	115v	E0841A0012
V 250 Powder coated	Unit only (no install kit)	Yes	230v	E0842A0002
V 250 Powder coated	Unit only (no install kit)	Yes	115v	E0841A0002
V 250 + Install kit powder coated	2 x 1.4m unit mounting stay put extraction arms with nozzles	No	230v	E0842A0011
V 250 + Install kit powder coated	2 x 1.4m unit mounting stay put extraction arms with nozzles	No	115v	E0841A0011
V 250 + Install kit powder coated	2 x installation kits and 2 x 650mm extraction arms with nozzles	No	230v	E0842A0000

Unit part numbers				
V 250 + Install kit powder coated	2 x installation kits and 2 x 650mm extraction arms with nozzles	No	115v	E0841A0000
V 250 + Install kit powder coated	2 x installation kits and 2 x 650mm extraction arms with nozzles	Yes	230v	E0842A0003

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

Unit options



1 2 3 4

Dual arm volume extraction unit designed to extract fumes for two operators located either next to or opposite each other. Ideal for factories with changing demands and production layout changes.

1 - Unit only	2 - Unit mounted dual arms	3 - Dual bench mounting arms	4 - Dual bench mounting arms with remote airflow control
Filter blocked indicator	Two 1.4m long, unit mounting Stay Put extraction arms	Unique flip top flush sealing mounting plates	Remote airflow control
Granulated carbon gas filter - ACF	Filter blocked indicator	Two 50mm x 650mm ESD Stay Put extraction arms	Unique flip top flush sealing mounting plates
99.997% HEPA filtration	Granulated carbon gas filter - ACF	Installation flex and table bracket	Two 50mm x 650mm ESD Stay Put extraction arms
	99.997% HEPA filtration	Filter blocked indicator	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 - needed if ordering from the accessories menu

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

Other languages

V 250 datasheet
Spanish

V 250 datasheet
French

V 250 datasheet
Russian

V 250 datasheet
German

V 250 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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