



ELECTRONICS Fume Extraction Solutions



Volume

250

Dual arm **fume extraction** system for **electronics hand soldering** processes.

BOFA's V250 extraction unit has been designed to effectively capture and remove the potentially harmful fumes generated during PCB 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.

STANDARD FEATURES:

- Granulated carbon gas filter
- 99.997% HEPA filtration
- Filter blocked indicator

OPTIONAL FEATURES:

- Unique flip top flush sealing mounting plate
- Remote speed control and power switch (230V only)
- 2 x Table mount installation kit and extraction arm
- Wide selection of arms

TECHNOLOGY:



HEPA filter technology



Advanced Carbon Filter technology

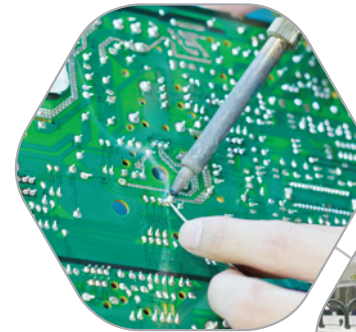
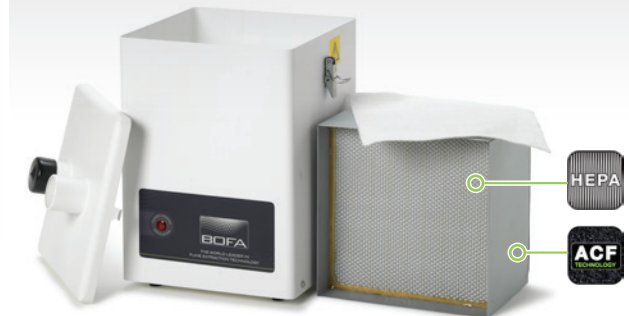


SureCheck Quality Standard

PACKAGE INCLUDES:

- V250 Extraction unit
- 1 x Pre filter pad
- 1 x Combined HEPA/Gas filter
- Power cable, UK or Euro plug depending on customer (or shipping country)
- Units are supplied with an IEC socket

SYSTEM FILTERS:



TECHNICAL DATA

	EU	US
Dimensions (HxWxD)	417 x 283 x 263mm	16.4 x 11.1 x 10.3"
Cabinet Construction	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	< 55dBA (at typical operating speed)	
Weight	10kg	22lbs
Duct Size	50mm	2"
Max Duct Run	5 mtrs	16.4ft

PRE FILTER SPECIFICATIONS

Filter Media	Glass Fibre
Filter Media Construction	Pad
Filter Efficiency	F7 (96% @ 2 microns)

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
Filter Efficiency	99.997% @ 0.3 microns

UNIT OPTIONS

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.

Unit only

- Filter blocked indicator
- Granulated carbon gas filter - ACF
- 99.997% HEPA filtration



Unit mounted dual arms:

- Two 1.4m long, unit mounting Stay Put extraction arms
- Filter blocked indicator
- Granulated carbon gas filter - ACF
- 99.997% HEPA filtration



Dual bench mounting arms:

- Unique flip top flush sealing mounting plates
- Two 50mm x 650mm ESD Stay Put extraction arms
- Installation flex and table bracket
- Filter blocked indicator
- Granulated carbon gas filter - ACF
- 99.997% HEPA filtration

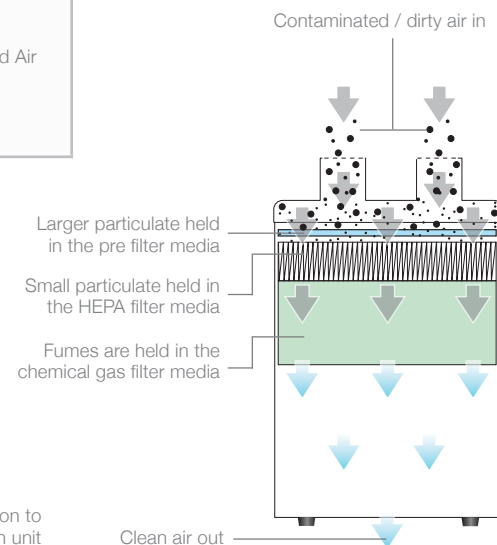
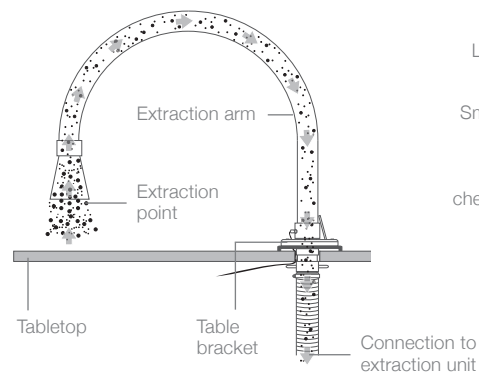
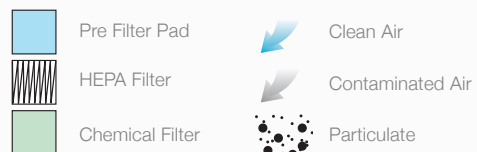


Dual bench mounting arms with remote airflow control:

- Remote airflow control
- Unique flip top flush sealing mounting plates
- Two 50mm x 650mm ESD Stay Put extraction arms
- Installation flex and table bracket
- Filter blocked indicator
- Granulated carbon gas filter - ACF
- 99.997% HEPA filtration

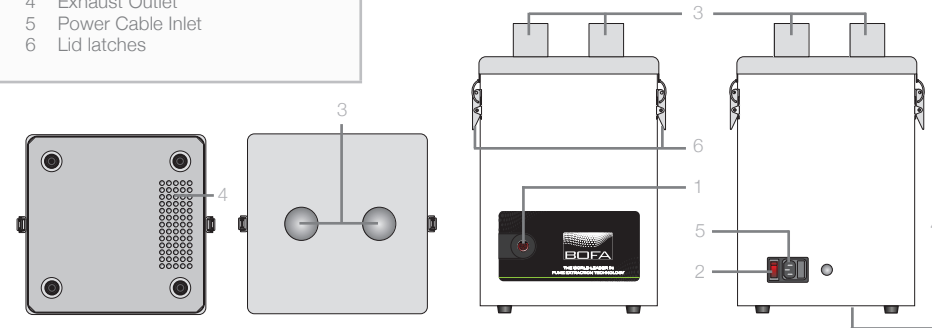


AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- Filter Condition Display light
- On / Off Switch
- Hose Inlet Connection - 50mm
- Exhaust Outlet
- Power Cable Inlet
- Lid latches



1. UNIT PART NUMBERS				
Model	Option	Speed Control	Voltage	Part Number
V250 Powder Coated	Unit only (no install kit)	✓	230v	E0842A0013
			115v	E0841A0012
			230v	E0842A0002
			115v	E0841A0002
V250 + Install kit Powder Coated	2 x 1.4m unit mounting stay put extraction arms with nozzles		230v	E0842A0011
			115v	E0841A0011
	2 x installation kits and 2 x 650mm extraction arms with nozzles	✓	230v	E0842A0000
			115v	E0841A0000
			230v	E0842A0003

2. UNIT/ARM ACCESSORY HOSE KIT - NEEDED IF ORDERING FROM MENU 3		
Number Reference to photo	Description	Part Number
12	50mm arm installation kit without arm	A1020177

3. 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 ESD Stay Put Arm with Nozzle	A1020160
7	38mm Stainless Steel ESD 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

ARM ACCESSORIES		
1 / 3	2 / 4	5
6	7	8
9	10	11
12		

REPLACEMENT UNIT MOUNTED ARM		
Number Reference to photo	Description	Part Number
11	Replacement Arm - 50mm x 1.4m Arm with Nozzle (unit mounted)	A1020331

REPLACEMENT FILTERS	
Description	Part Number
Pre Filter (Pack of 5)	A1030102
Combined Filter	A1030099

Other hose kits and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details. Replacement filters should always be ordered using the part number on the filters inside your extractor to ensure the correct filter is ordered. Datasheet correct at time of print.

V250:30/9/17V:2.9



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British Quality



WEEE



REACH



RoHS

