



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

V 250 FUME EXTRACTOR

LAST UPDATED ON 07.23.2024

Dual arm fume extraction system for electronics hand soldering processes.

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

Fast and easy installation allows this unit to be moved with the workbench 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.

Key features

- Filter blocked indicator
- Advanced carbon gas filter (ACF)
- 99.995% HEPA filtration
- Low-cost replacement filters
- Small footprint
- 2 x table mount installation kit and extraction arm
- Optional unique flip-top flush sealing mounting plate
- Optional remote speed control and power switch
- Optional selection of arms



HEPA
filter



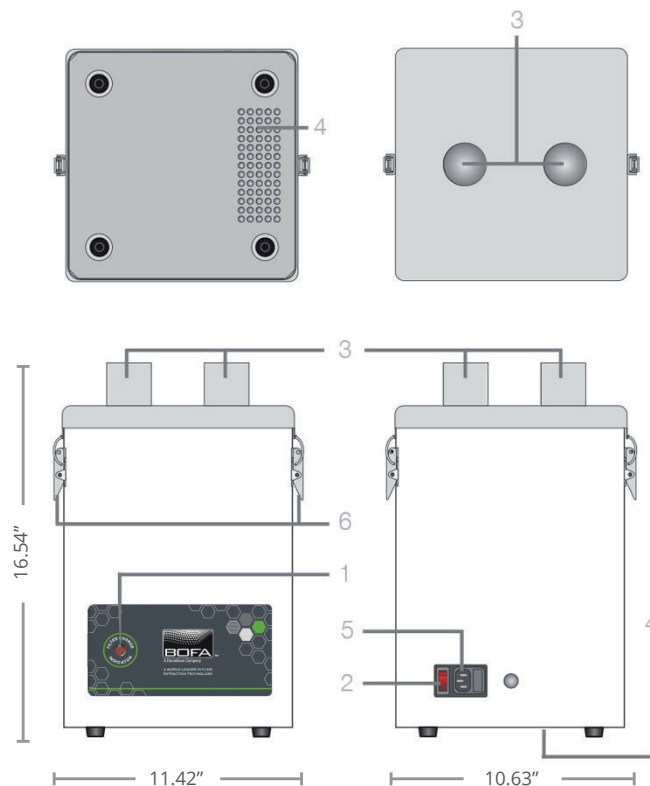
Advanced
carbon
filter (ACF)
technology



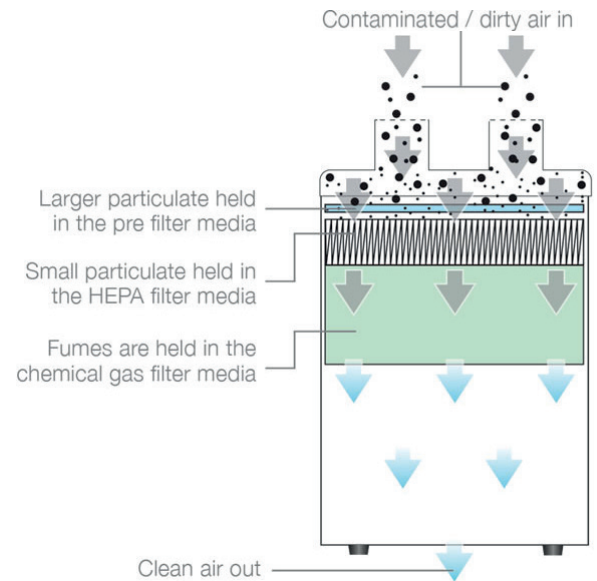
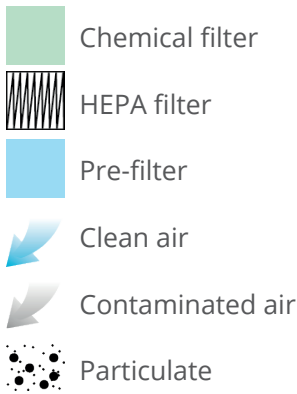
SureCHECK
quality
standard

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



Airflow through filters



Technical data

Dimensions (HxWxD)	16.54 x 11.42 x 10.63"
Cabinet construction	Powder-coated mild steel
Airflow/pressure	106cfm/30mbar
Electrical data	115v 60/50Hz full load current: 1.2 amps / 135w
Noise level	< 61 dBA (at typical operating speed)
Weight (standard extractor with filters)	22lbs (+/- 5%)
Duct size	2"
Max duct run	16.4ft
Approvals	UKCA and CE

Pre-filter specifications

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

Combined HEPA/gas 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	4.4 lbs
Filter efficiency	99.995% @ 0.3 microns

Part numbers

Model	V 250 - Powder-coated
Part number	1U10350595-1209
V250 lid single 75mm inlet	1UA1060062
Replacement filters	
Pre-filter (pack of 5)	1UA1030102
Optional pre-filter HD (pack of 5)	1UA1030101
Combined HEPA/gas filter	1UA1030099

Contact BOFA at bofainternational.com/contact

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.

Think before you print! Please consider the environment before printing this document.

Find out more



Approvals: REACH and RoHS.
See individual product technical data for specific accreditations

OPTIONAL

STANDARD

OPTIONAL

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.



	1 - Unit only	2 - Unit mounted dual arms	3 - Dual bench mounting arms	4 - 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	✓	✓	✓	✓
99.995% HEPA filtration	✓	✓	✓	✓

ARM ACCESSORIES

Number reference	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		
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		
12	50mm arm installation kit without arm	A1020177

