



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

V 200

Last Updated on 24.03.2022



Single arm fume extraction system for electronics hand soldering processes.

BOFA's V 200 extraction unit has been designed to capture the 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 workbench when factory layouts need changing due to production demands. The unit's fully comprehensive three-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

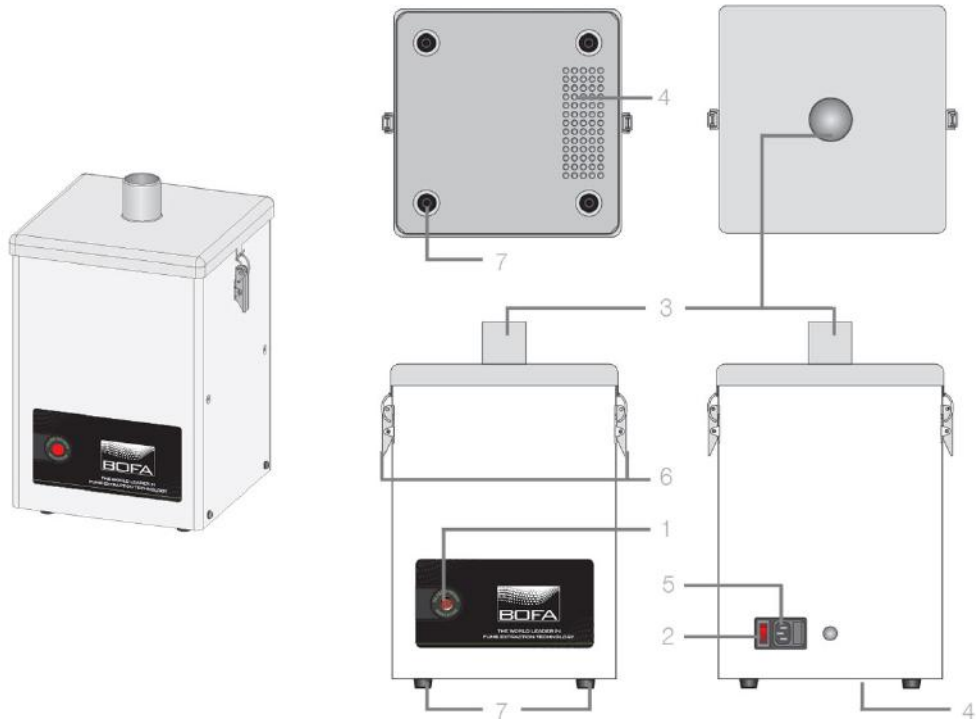
7. Feet

Contact BOFA at www.donaldsonbofa.com/contact/







www.donaldsonbofa.com/fume-extraction-systems/v-200/

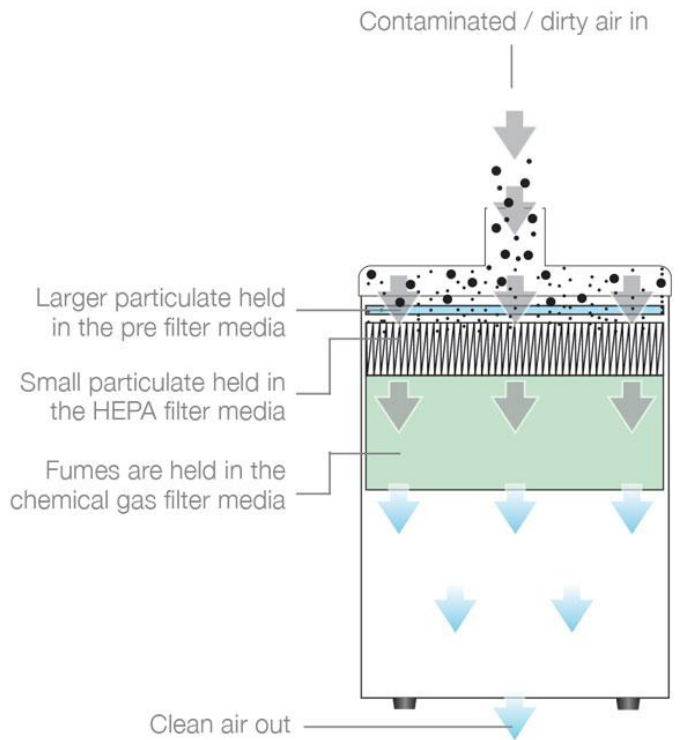


Approvals: REACH and RoHS. See individual product technical data for specific accreditations



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 ³ /hr / 20mbar | 53cfm / 20mbar |

Technical data

| | | |
|-----------------|---|--|
| Electrical data | 230v single-phase 1~ 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 | UKCA and CE | UKCA and CE |

Pre-filter specifications

| | |
|---------------------------|----------------------|
| Filter media | Polypropylene |
| 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 |

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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