



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

V 300E

ELECTRONICS

Last Updated on 02.02.2022



Entry-level dual-arm fume extraction system for electronics hand soldering processes.

The V 300E extraction unit is a compact, low-cost system that is capable of generating high airflow rates from a range of benchtop attachments.

The extraction unit can be positioned comfortably under a bench with a simple installation kit to connect to the most suitable extraction accessory.

Technology



HEPA filter



Advanced carbon filter technology



ProTECT service plan



SureCHECK quality standard

Key features of the V 300E

Simple installation
Standard

Granulated carbon gas filter (ACF) technology
Standard

2 x 75mm x 1m 'stay put' hose kit
Optional

High air flow rates
Standard

HEPA / gas combined filter (99.997% @ 0.3 microns)
Standard

2 x 75mm 'stay put' hose with table mount kit
Optional

Technical specification

1. Power cable inlet

2. On / off switch

3. Filter latch

4. Hose inlet connection - 2 x 75mm

5. Exhaust outlet

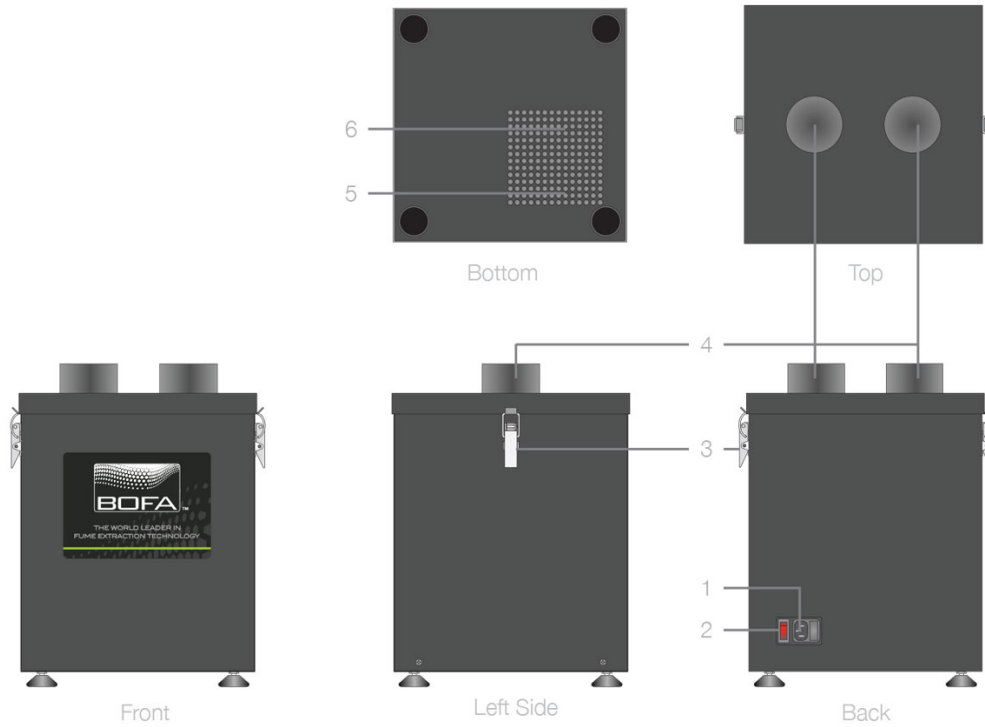
6. Motor cooling inlet

Contact BOFA at <https://bofainternational.com/en/contact/>

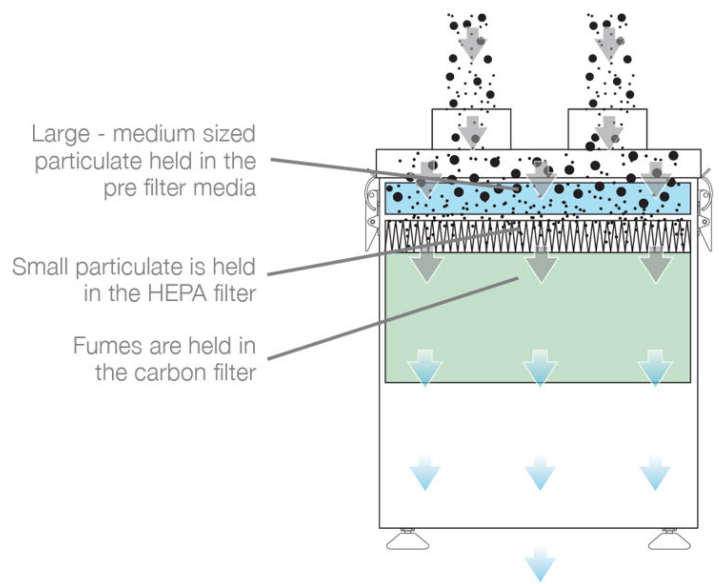
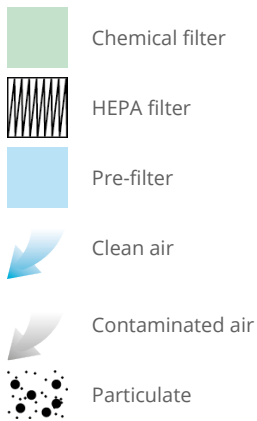
<https://bofainternational.com/en/portal/datasheets/v300e-2/>



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



Airflow through filters



Technical data

	EU	US
Dimensions (HxWxD)	450 x 330 x 310mm	17.72 x 13.00 x 12.21"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	320m ³ /hr / 5mbar	188cfm / 5mbar
Electrical data	230v 50/60Hz	115v 50/60Hz
	Full load current: 1.1 amps / 0.25kw	Full load current: 2.1 amps / 0.255kw
Noise level	<52dBa (at typical operating speed)	<52dBa (at typical operating speed)
Weight	15kg	33lbs
Duct size	2 x 75mm	2 x 3"

Technical data

Max duct run	3mtrs	9.8ft
Gas filter	Treated activated carbon	Treated activated carbon
Approvals	UKCA and CE	UKCA and CE

Pre-filter specifications

Filter media	Synthetic pad
Filter media construction	Pad
Filter efficiency	G4

Combined filter specifications

Filter media	Borosilicate
Media construction	Pleated with glue bead spacers
Filter efficiency - HEPA	99.997% @ 0.3 microns
Treated activated carbon	1.65kgs (3.63 lbs)
Filter housing	Zintec mild steel

Unit specifications

	EU	US
Maximum number of 75mm arms, cowls or down draft trays	2	2

Unit part numbers

Model	Description	Voltage	Part number
V 300E Powder coated	Unit only (no install kit)	230v	E0942A0000
V 300E Powder coated	2 x unit mounted 75mm diameter x 1m long stay-put arms with funnels	230v	E0942A0001

Replacement filter part numbers

Description	Part numbers
Pre-filter (pack of 5)	A1030108
HEPA / gas combined filter	A1030266

Arm accessories





Hose kits and replacement arm part numbers

Number reference	Description	Part number
1	75mm diameter stay-put arm with funnel 1m long	A1020042
2	Table bracket	A1020077
3	1.5m of 75mm flex with jubilee clip	A1020425

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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