



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

ELECTRONICS FUME EXTRACTION

TIP AND VOLUME RANGE



BOFA IS A MULTI AWARD- WINNING WORLD LEADER IN PORTABLE FUME EXTRACTION AND FILTRATION TECHNOLOGY.

We design, develop and manufacture systems for a wide range of industrial sectors and applications.

Our products are a very important part of your environment, health, and safety programme as they help to filter potentially harmful dust and fumes, which may be generated during industrial processes, while minimising disruption to production.

WHY BOFA

- ✓ Over 35 years' **experience**
- ✓ **Unrivalled** knowledge in portable fume and dust extraction and filtration
- ✓ **Innovative** world-class systems
- ✓ High-**quality**, affordable systems
- ✓ **Dedicated** in-house capabilities
- ✓ **Global** network
- ✓ Helping to keep the world working **safely**
- ✓ Continual **investment**
- ✓ **Environmental** policy
- ✓ A **Donaldson** company

OUR PRODUCTS

- ✓ **Fast** and **easy** to install
- ✓ **Low** level noise
- ✓ Clean and energy **efficient**
- ✓ **Compact** designs with small footprint
- ✓ **Long-life** filters with **low** replacement costs
- ✓ **Patented** software and filter technology
- ✓ Highest **quality** standards, including our own SureCHECK standard
- ✓ **Global** systems suitable for a wide range of applications
- ✓ **Award** winning

BOFA is proud to be a Donaldson company. Founded in 1915, Donaldson is a global leader in the filtration industry with sales, manufacturing and distribution locations around the world.



KNOWLEDGE AND INNOVATION

Our dedicated team has a wealth of knowledge within our field which is established and trusted by all sizes of business, from global market leaders to niche producers in a wide cross section of industries.

Innovation is at the heart of everything we do and we have the ability to develop systems to suit our customers' requirements.

Our programme of ongoing investment in research and development allows us to continuously improve products and pioneer new cutting-edge technologies, bringing the best and latest developments to our portfolio.

AWARD-WINNING TECHNOLOGY

In 2017, BOFA was recognised for the development of the revolutionary Intelligent Operating System (iQ), which is transforming the way that organisations around the world use BOFA fume extractors as an important part of their overall strategy to help protect employee safety and improve production processes.



INTELLIGENT OPERATING SYSTEM (iQ)



Pioneering the future of fume extraction

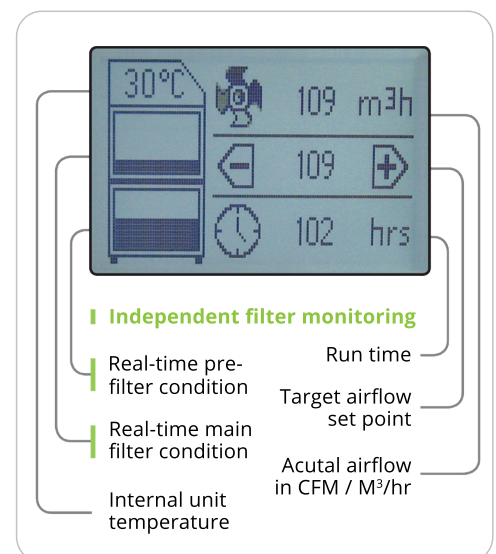
Our award-winning Intelligent Operating System (iQ) brings multiple performance enhancements for higher efficiency of extraction, individual filter status monitoring and integral design features that combine to deliver a lower cost of ownership.

Most importantly, iQ addresses the issue dreaded by most production teams — downtime — by minimising the potential for interrupting production for unplanned filter changes.

Sophisticated and advanced technology is inbuilt, providing a user-friendly and intuitive experience with the data being easy to access and analyse locally or remotely (from data downloaded via USB). It means that filter changes can be planned at a time to minimise or eliminate interruptions to production so business can continue as usual, as well as helping to avoid any costly or time-consuming service call-outs.

iQ incorporates a method for monitoring the status of both the pre-filter and combined (main) filter. Pre-blockage warnings provide operators with ample time to prepare for a change by identifying which filter needs replacing and when, so the uncertainty and guesswork is removed.

A user-friendly design is consistent across all iQ products, for a more uniform look in environments where multiple units are in use. The operating 'easy read' control panel is on the top of each unit on a sloping fascia front so the data is easy to view.



DEEPPLEAT DUO

PRE-FILTER



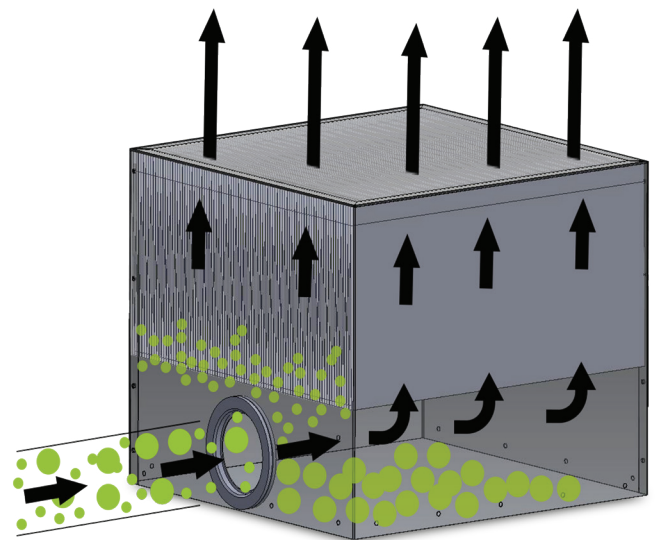
Save filter life and money

The DeepPleat DUO is BOFA's patented long-lasting pre-filter, which helps to extend the life of your main filter and reduce the overall cost of ownership of your unit.

BOFA's unique patent-protected DeepPleat DUO pre-filter technology is designed to maximise filter life. It incorporates a large capacity drop-out chamber within the filter, along with an impressive surface area above the chamber to deal with a high volume and variety of particulate, giving optimised performance and filter life. Within the housing there is a sealed 200mm deep pleat layer of F8 media giving a surface area in excess of 6,12, and 30 sq metres.

Thanks to a specially moulded grommet style gasket situated within the drop out chamber, the DeepPleat DUO is designed for quick and easy installation and replacement, which is particularly important as often potentially harmful contaminants are filtered.

The DeepPleat DUO is available in three different sizes, offering different drop-out chamber sizes and surface medium areas:



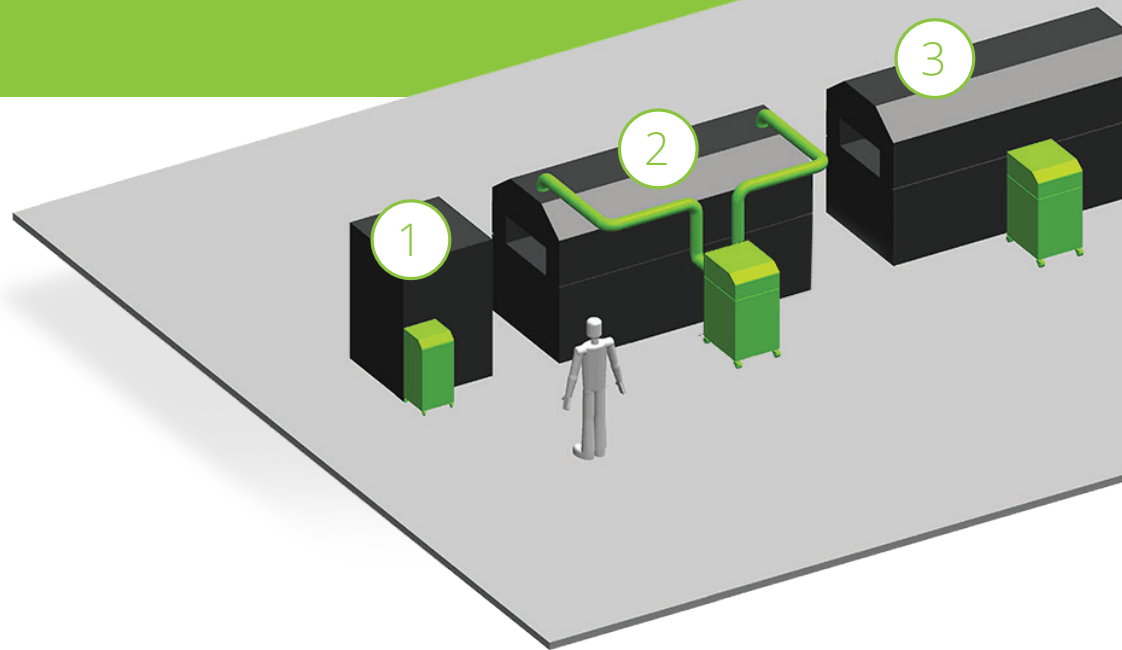
Product	Inlet size	Dropout chamber size	Surface media area	Filter media pleat size
V Oracle iQ	75mm	16.2 litres	12m ²	200mm
V 1000 iQ	125mm	58 litres	30m ²	200mm
V 1500 iQ				



PROCESSES

INSIDE THE FACTORY

Portable fume extraction for every application



1

AUTOMATED GLUING SYSTEM

Application: PCB component placement.
Product example: V Oracle iQ.
See page 18.

2

AUTOMATED PCB ASSEMBLY

Application: Reflow oven.
Product example: V 1000 iQ.
See page 19.

3

AUTOMATED PCB ASSEMBLY

Application: Wave soldering.
Product example: V 1000 iQ.
See page 19.

4

AUTOMATED PCB ASSEMBLY

Application: Selective soldering.
Product example: V Oracle iQ.
See page 18.

5

FUME CABINET EXTRACTION

Application: Conformal coating and general solvent vapour and multi-tasking.
Product example: FumeCAB 1000 iQ.
See page 23.

6

MOBILE FUME EXTRACTION

Application: General maintenance, wave solder 'de-drossing'.
Product example: Mobile FumeKART.
See page 24.

7

CONFORMAL COATING

Application: Automated conformal coating.
Product example: V 1000 iQ.
See page 19.

8

MANUAL PCB ASSEMBLY

Application: Soldering of PCBs
Product example: T 15 (up to 15 operatives).
See page 12.

9

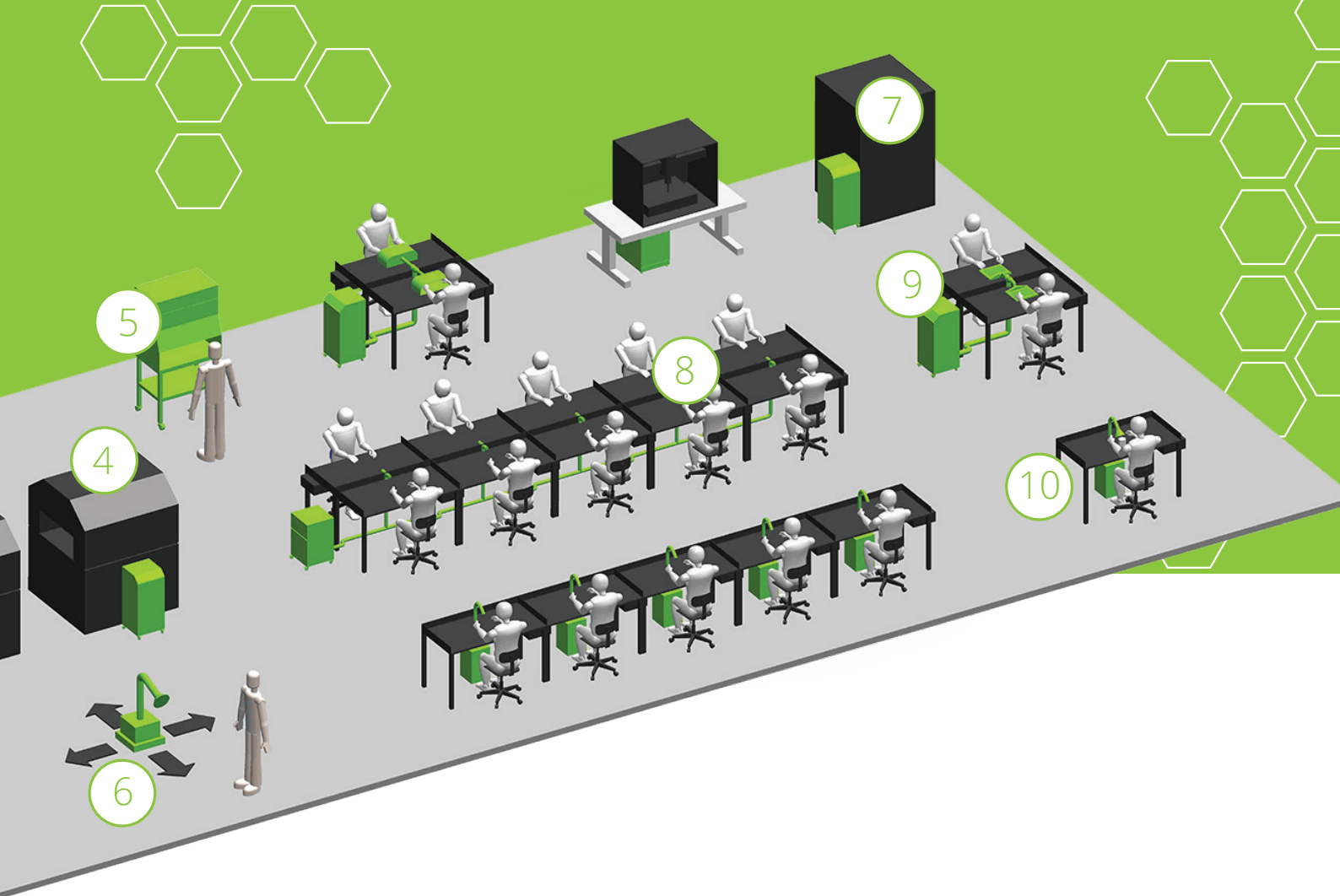
SOLDER POTTING

Application: Manual soldering and potting.
Product example: V Oracle iQ.
See page 18.

10

MANUAL PCB ASSEMBLY

Application: Soldering of PCBs.
Product example: V 250.
See page 14.



TRAINING DESIGNED FOR YOU



Free training modules delivered by our knowledgeable team direct to you, to help you stay up to date. We've designed our modules so they can be delivered in a way convenient to you — either online or face to face — in a simple and effective format to help ensure you get the most out of the time you invest in training. It's all part of the exceptional support and experience we offer.

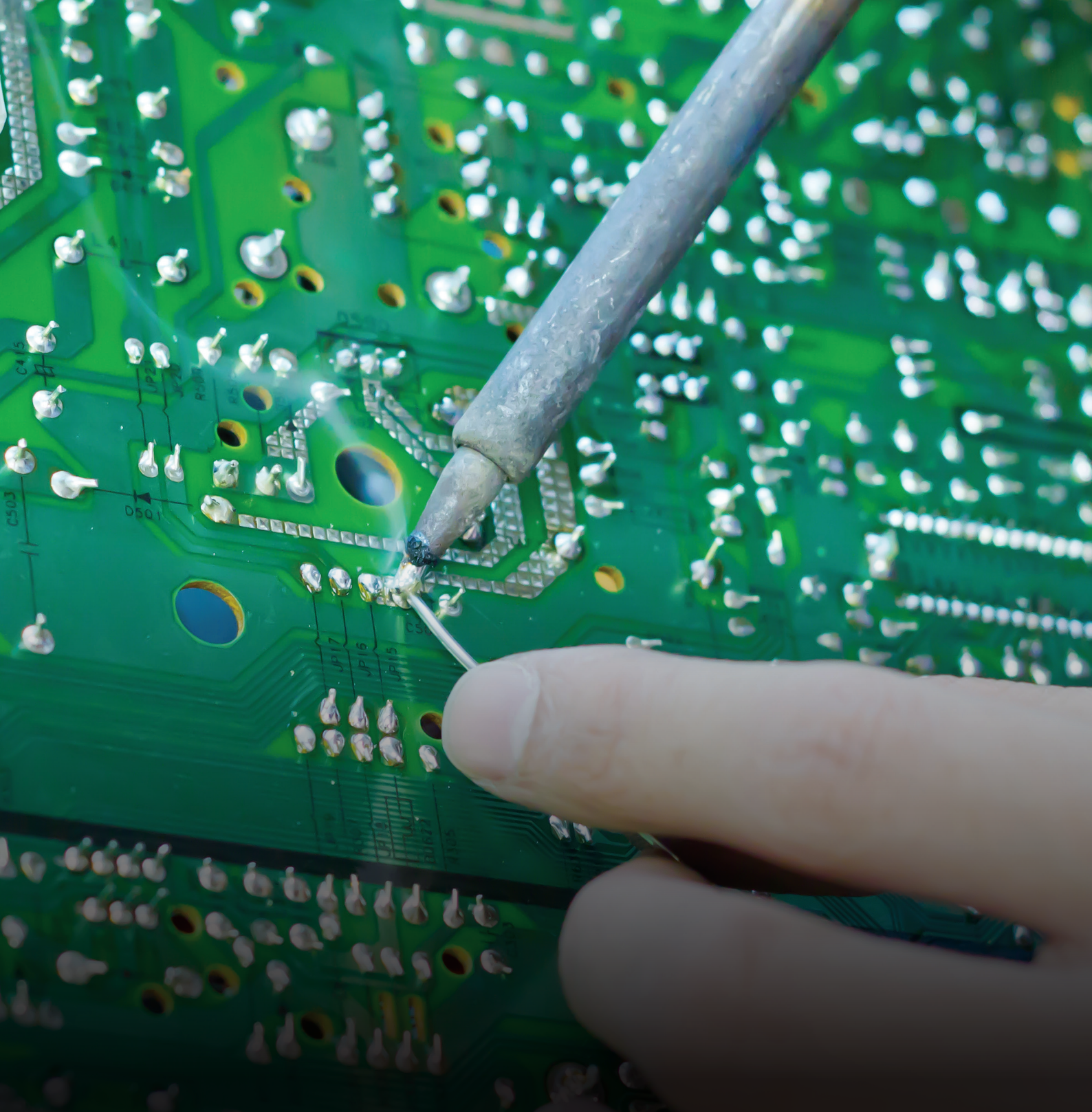
This training is for anyone who comes into contact with fume extraction or is responsible for health and safety in the workplace – whether it's researching and determining the requirements in your workplace, designing new products that need appropriate extraction, or selling products into the market:

- Sales and marketing
- Technical
- Product management
- Service/installation

You can book on to as many modules as you want to so you can keep learning from wherever you are.

Modules cover a wide range of topics including:

- Health, safety and compliance
- Product ranges
- Technical advice
- Commercial understanding



BOFA's range of solder fume extraction systems are designed for single, multiple-operator stations or automated processes that generate fume.

Our range comprises two types of systems: tip ('T') extraction for high pressure/low airflow soldering processes, and volume ('V') for low pressure/high airflow electronics processes.

ELECTRONICS FUME EXTRACTION

TIP AND VOLUME RANGE

BOFA's range of electronics fume extraction systems are designed for single / multiple-operator stations or automated processes that generate potentially harmful fume comprising of particulate and gaseous volatile organic compounds (VOCs).

APPLICATIONS

Arm extraction

Automated soldering

Brazing

De-soldering

Gluing

Hand-soldering

Lead-free soldering

Laser soldering

Machine soldering

PCB de-lugging

PCB drilling

Potting

Reflow ovens

Rework stations

Selective soldering

Silver soldering

Soft soldering

Spray cleaning

Tinning

Tip extraction

Vapour phase soldering

Wave soldering



Throughout this brochure you will see icons next to products to show their key features:



Intelligent Operating System (iQ)

Our award-winning Intelligent Operating System (iQ) performs at two distinct levels: operators benefit from the ease of operation and clarity of real-time information and the system provides a cache of analytical data, enabling users to download performance and operating parameters for evaluation purposes.

Find out more: bofainternational.com/iq



AFC: Automatic flow control

AFC allows the operator to preset correct airflow rates for the specific application, subsequently maintaining this airflow. This generates lower noise levels and helps to ensure further protection to the HEPA filter.

Find out more: bofainternational.com/afc



DeepPleat pre-filter

The DeepPleat pre-filter consists of a pleated filter of 100mm depth or greater, allowing for increased surface area within a smaller area. This means BOFA filters last for a long time and do not take up a large footprint.

Find out more: bofainternational.com/deeppleat



RFA: Reverse flow air technology

RFA enhances filter performance and helps to ensure a long filter life. It causes a fall in velocity and air direction change. Larger particulate falls out of the airstream into the drop-out chamber. With less particulate entering the filter media the filter life is significantly increased. Contaminated air entering the drop-out chamber is pulled vertically through the filters.

Find out more: bofainternational.com/rfa



DeepPleat DUO pre-filter

Our patent-protected DeepPleat DUO pre-filter technology is designed to maximise filter life. It incorporates a large capacity drop-out chamber within the filter which is designed to act as a barrier helping to protect the premature blocking of the HEPA filter.

The DeepPleat DUO is designed for quick and easy installation and replacement, which is particularly important as often potentially harmful contaminants are captured within the filter.

Find out more: bofainternational.com/deeppleatduo



MVS: Multi-voltage sensing unit

Our MVS units automatically sense local voltage and automatically operate between 100-230V, for global use.



PATENTED technology

We invest in innovation and our products have a heritage of being tried, tested and trusted. We take great care in protecting our intellectual property and our integrity. Our product range includes aspects which are protected under patent copyright, design copyright, registered design, and trademark laws.



HEPA filter

Our HEPA filters are rated to filter 99.995% of particles at 0.3 microns.

The mini pleats used in our HEPA filters can be produced with depths of up to 200mm within each pleat, depending on the application.

Find out more: bofainternational.com/hepa



SureCHECK quality standard

In recognition of the importance of quality, health and safety and environmental management, we have created our own stringent SureCHECK quality standard, applied to every product we make.

Find out more: bofainternational.com/surecheck



ACF: Advanced carbon filter

BOFA's advanced carbon filters are designed to help filter fumes, with specific carbon types matched carefully to industry applications. BOFA filters consider the balance between airflow rates and the type, depth, and surface area of the carbon used to help ensure suitability for the contaminants associated with the application and to help ensure appropriate dwell times are achieved. Our filters have been developed to filter contaminants and odours, helping to reduce the risk of bypass and/or tunnelling.

Find out more: bofainternational.com/acf



ProTECT

Our ProTECT service plan gives you peace of mind that your LEV systems are being expertly maintained throughout their working life.

Find out more: bofainternational.com/protect

Technical information in this brochure is correct at time of publishing. Please contact us for details.



T 1 FUME EXTRACTOR

Single operator high-vacuum extraction system for hand solder applications. Designed specifically for portability and extremely low noise levels.

The T 1 extracts and filters fumes and debris through small bore hoses and attachments. Ideally suited for soldering iron tip extraction, vac pens and any application requiring close proximity, such as microextraction.

Approvals UKCA and CE

Ideal partner to the solder iron connection kit

Dimensions 270 x 200 x 185mm
10.63 x 7.87 x 7.28"

Airflow/Pressure 22 l/min per tip

Technology



Datasheet download
bofainternational.com/t1



Configuration option

Solder iron connection kit

The BOFA solder tip kit connects to a soldering iron and extracts potentially harmful fumes directly from the source during the hand soldering process.

Tip kit connects to the following systems:

- T 1
- T 15



T 15 FUME EXTRACTOR

Mid-range high-vacuum fume extraction system with a built in silencer for low noise levels. With its three-stage filtration and filter warning indicator, this is a true industry favourite, suitable for up to 15 operators.

The T 15 extracts and filters fumes and debris through small bore hoses and attachments. Ideally suited for soldering iron tip extraction, vac pens and any application requiring close proximity, such as microextraction.

Approvals UKCA and CE

Ideal partner to the solder iron connection kit



Dimensions 575 x 370 x 340mm
22.64 x 14.57 x 13.39"

Airflow/Pressure 22 l/min per tip

Technology



Datasheet download
bofainternational.com/t15

Configuration option

Solder iron connection kit

The BOFA solder tip kit connects to a soldering iron and extracts potentially harmful fumes directly from the source during the hand soldering process.

Tip kit connects to the following systems:

- T 1
- T 15



V 200 FUME EXTRACTOR

The V 200 is a single arm, portable solder fume extraction system that comes complete with an extraction arm and installation kit containing everything required to set up an operator with ease.

Minimal installation allows this unit to be moved with the work bench when factory layouts need changing due to production requirements.

The low noise level and fully comprehensive three-stage filtration is ideal for factories with changing production demands.

Approvals UKCA and CE

Dimensions 420 x 290 x 270mm
16.54 x 11.42 x 10.63"

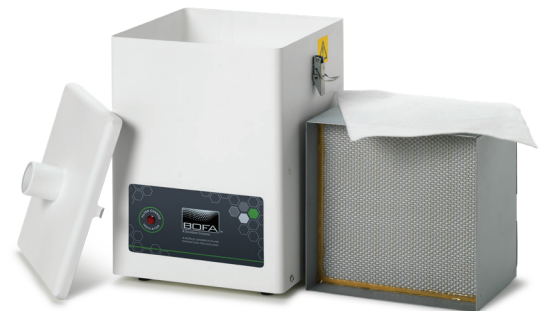
Airflow/Pressure 90m³/hr / 20mbar
53cfm / 20mbar

Technology



Datasheet download
bofainternational.com/v200

Configuration options







V 250 FUME EXTRACTOR

The V 250 is a dual arm, portable solder fume extraction system that comes complete with two extraction arms and installation kits containing everything required to set up two operators with ease. The filter status indicator helps ensure users change the filter only when required.

Minimal installation allows this unit to be moved with the work bench when factory layouts need changing due to production requirements. The low noise level and comprehensive three-stage filtration is ideal for factories with changing production demands.

Approvals UKCA and CE

Ideal partner to the **FumeCAB 250** - see page 20

Dimensions	420 x 290 x 270mm 16.54 x 11.42 x 10.63"
Airflow/Pressure	180m ³ /hr / 30mbar 106cfm / 30mbar
Technology	   
Datasheet download bofainternational.com/v250	



Configuration options

 <p>Unit mounted extraction arms</p>	 <p>Table mounted installation kits and extraction arms</p>	 <p>Digital speed control and table mounted installation kits and extraction arms</p>	 <p>Partial enclosure fume cabinet - see page 20</p>
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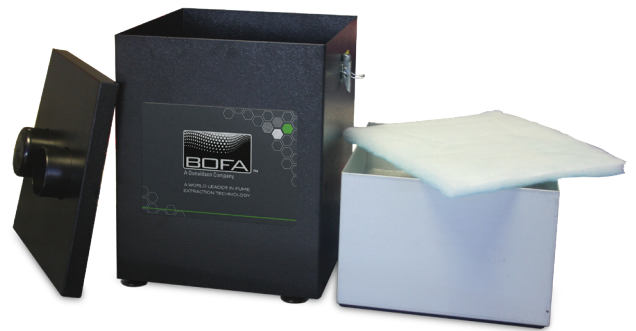
V 300E FUME EXTRACTOR

Entry level arm fume extraction for solder applications. This compact, low-cost system is capable of generating high airflow rates from a range of bench top attachments, including larger hoses.

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

Approvals UKCA and CE

Dimensions	450 x 330 x 310mm 17.7 x 13.8 x 12.2"
Airflow/Pressure	320m ³ /hr / 5mbar 188cfm / 5mbar
Technology	   
<p>Datasheet download bofainternational.com/v300e</p>	



Configuration options

<p>Unit mounted extraction arms</p> 	<p>Table mounted installation kits and extraction arms</p> 
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V 350E FUME EXTRACTOR

The V 350E is a compact, low-cost extraction system, which is capable of generating high airflow rates from a range of bench top attachments, including larger hoses.

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

Approvals UKCA and CE

Dimensions	517 x 370 x 370mm 20.4 x 14.6 x 14.6"
Airflow/Pressure	540m ³ /hr / 4mbar 317cfm / 4mbar
Technology	
<p>Datasheet download bofainternational.com/v350e</p>	



Configuration options

Unit mounted extraction arms	Table mounted installation kits and extraction arms
	



V 600 FUME EXTRACTOR

A truly state of the art fume purification system, the V 600 is within our high-end range of extraction systems, combining large filter capacity with high airflows and pressure. It benefits from reverse flow design and DeepPleat pre-filter technology for long filter life.

This unit incorporates three-stage filtration, a filter condition display, built in silencing and can accommodate up to seven operators.

Approvals UKCA and CE

*Ideal partner to the **FumeCAB 600** - see page 21*

Dimensions 590 x 405 x 465mm
23.23 x 15.94 x 18.31"

Airflow/Pressure 350m³/hr / 96mbar
206cfm / 96mbar

Technology



Datasheet download
bofainternational.com/v600

Configuration option



Partial enclosure fume cabinet - see page 21




V ORACLE iQ FUME EXTRACTOR

This advanced high-volume extractor combines a powerful range of features in one unit.

This versatile unit can be used across a range of electronics applications and the revolutionary auto-voltage sensing blower automatically self-adjusts to run on any voltage worldwide.

Approvals UKCA and CE | cUL | UL*

Dimensions	975 x 455 x 505mm 38.39 x 17.91 x 19.88"
Airflow/Pressure	380m ³ /hr / 96mbar 223cfm / 96mbar
Technology	
<p>Datasheet download bofainternational.com/v-oracle-iq</p>	




* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.



V 1000 iQ FUME EXTRACTOR

This high-volume fume extraction system combines extremely large filter capacity with high airflow and pressure rates. This unit is the ideal choice for heavy-duty hand and machine-automated solder applications that generate large amounts of particulate and gaseous organic compounds. The V 1000 iQ can cater for up to 15 operators as a centralised system or can be used to extract fumes from automated soldering machines.

Approvals UKCA and CE | cUL | UL*

Dimensions	1205 x 615 x 790mm 47.44 x 24.21 x 31.10"
Airflow/Pressure	850m ³ /hr / 100mbar 500cfm / 100mbar
Technology	
<p>Datasheet download bofainternational.com/v-1000-iq</p>	



* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.





FumeCAB 250 FUME CABINET

A small but versatile fume cabinet which can be used for an array of applications.

Partial enclosures are steadily becoming the preferred option for operator protection from potentially harmful fumes generated from processes. The FumeCAB 250 fume cabinet has been purposely designed to work with the V 250 extraction system to help protect the operator.

Approvals UKCA and CE

Ideal partner to the V 250 - see page 14

Dimensions	290 x 400 x 300mm 11.42 x 15.75 x 11.81"
Opening Dimensions	265 x 400mm 10.4 x 15.7"
Technology	 
<p>Datasheet download bofainternational.com/fumecab-250</p>	



FumeCAB 600 FUME CABINET

Providing a larger working area with higher airflow for use in several applications, the FumeCAB 600 boasts the same features as the FumeCAB 250 and works alongside the V 600 extraction system to help protect the operator.

Approvals UKCA and CE

Ideal partner to the V 600 - see page 17

Dimensions	355 x 610 x 420mm 13.98 x 24.02 x 16.54"
Opening Dimensions	315 x 540mm 12.4 x 21.3"

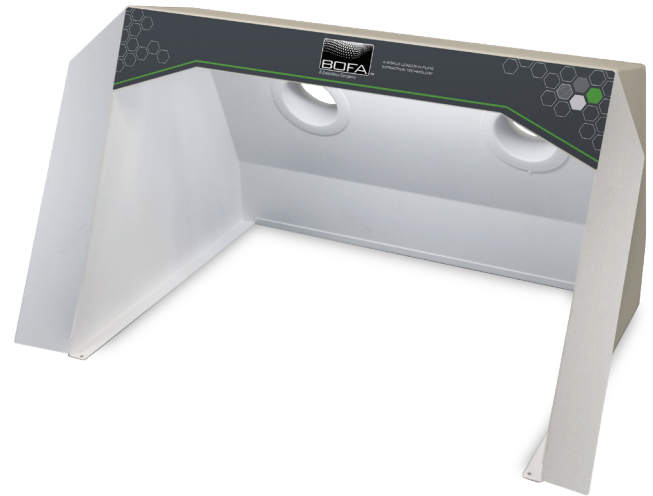
Technology



Datasheet download
bofainternational.com/fumecab-600

Configuration option

V 600 extraction system - see page 17









FumeCAB 700 FUME CABINET

A complete system for fume cabinet extraction for a broad range of applications.

The FumeCAB 700 integrated filtration system has been designed to help ensure compliance with the latest regulations. The innovative cam filter change design enables safer and simpler front-loading filter replacement and provides many benefits over alternative rear access systems. Ultra-bright, slimline, energy-saving LED lights come as standard with optional UV lighting.

Approvals UKCA and CE

Dimensions	780 x 700 x 490mm 30.71 x 27.56 x 19.29"
Opening Dimensions	675 x 225mm 26 x 8.8"
Technology	     
<p>Datasheet download bofainternational.com/fumecab-700</p>	



FumeCAB 1000 iQ FUME CABINET

The FumeCAB 1000 iQ integrated filtration system has been designed to help comply with the latest regulations. It provides users with an extra depth of working space for taller applications.

BOFA's Intelligent Operating System (iQ) and ultra-bright, slimline, energy-saving LED lights come as standard making this system an ideal choice of fume extraction for a wide variety of applications.

Approvals UKCA and CE



Dimensions	1003 x 1000 x 655mm 39.49 x 39.37 x 25.79"
Opening Dimensions	285 x 1000 x 650mm 11.2 x 39.4 x 25.6"

Technology



Datasheet download

bofainternational.com/fumecab-1000-iq




Mobile FumeKART FUME EXTRACTOR

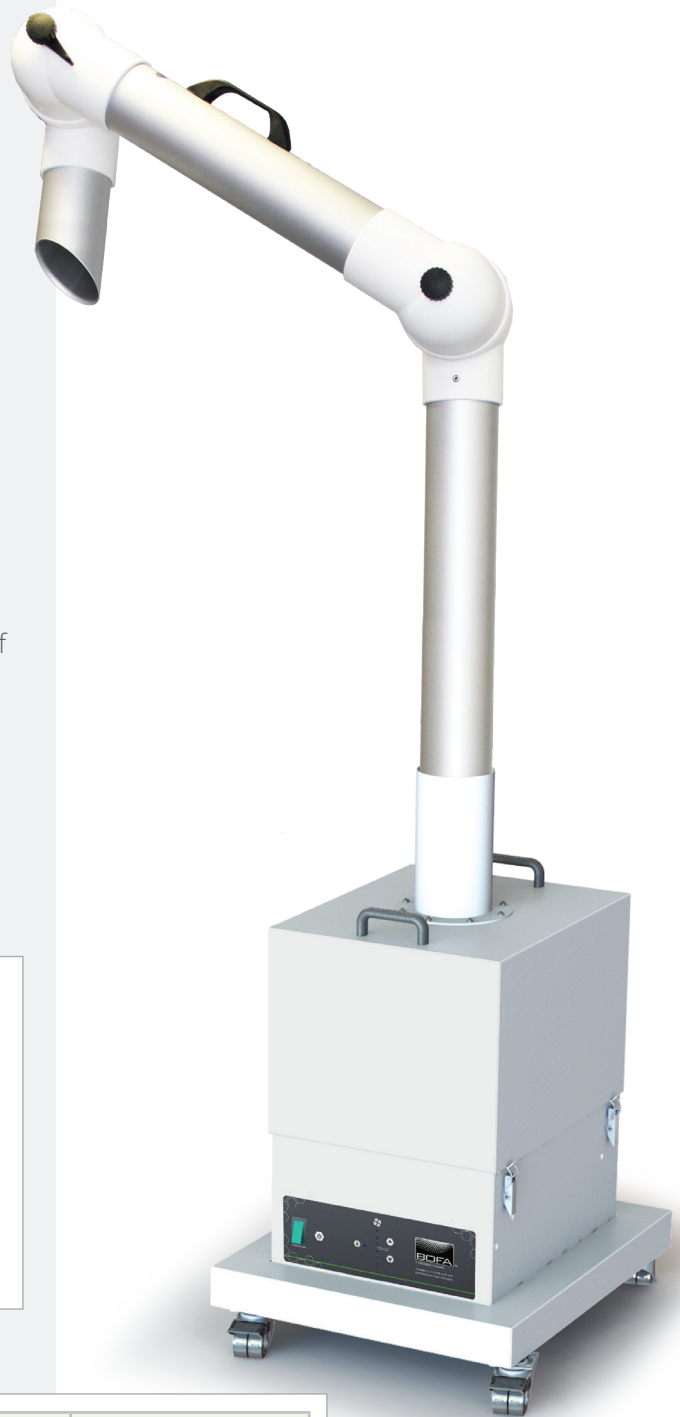
The FumeKART is the ideal portable air extraction and filtration unit and can be applied to a variety of applications.

Designed to filter dust particles, weld fumes, vapours and other pollutants from the work environment, the FumeKART is easy to operate and maintain and provides the additional benefit of being fully portable.

Users will have flexibility and the assurance of high performance filtration. A filter condition indicator is included as a standard feature, together with three-stage filtration: pre-filter, HEPA and gas filter.

Approvals UKCA and CE

Dimensions	875 x 475 x 430mm 37.4 x 18.7 x 17"
Airflow/Pressure	380m ³ /hr / 100mbar 223cfm / 100mbar
Technology	
<p>Datasheet download bofainternational.com/mobile-fumekart</p>	



100mm arm attachments	500mm clear round hood	75mm arm attachments	420 x 320mm clear hood	200mm funnel
	380mm metal round hood		380mm clear round hood	75mm pen nozzle

PRODUCT FEATURES

Comparison tables



EXTRACTION SYSTEMS

	TIP UNITS			VOLUME UNITS					
	T 1	T 15	V 200	V 250	V 300E	V 350E	V 600	V Oracle IQ	V 1000 IQ
Three-stage filtration	✓	✓	✓	✓			✓	✓	✓
Compact design	✓	✓	✓	✓	✓	✓	✓		
High-vacuum blowers		✓					✓	✓	✓
Digital speed control						✓			
Auto-sensing voltage (100-230V) for global use						✓	✓		
Intelligent Operating System (iQ)							✓	✓	
Automatic flow control system							✓	✓	
'Easi-seal' filter location							✓	✓	
Brushless motor	✓	✓	✓	✓	✓	✓	✓	✓	✓
Filter blocked indicator		✓	✓	✓			✓	✓	✓
Reverse flow air technology				✓			✓	✓	✓
UKCA and CE	✓	✓	✓	✓	✓	✓	✓	✓	✓
UL*									✓
cUL*									✓
ProTECT	✓	✓	✓	✓	✓	✓	✓	✓	✓
SureCHECK quality standard	✓	✓	✓	✓	✓	✓	✓	✓	✓
VOC gas sensor (Volatile Organic Compound)							✓	✓	✓
Remote stop/start interface		✓					✓	✓	✓
Filter change system fail signal		✓					✓	✓	✓
Onboard compressor							✓	✓	
Digital speed control				✓					

STANDARD FEATURES

OPTIONAL FEATURES

* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

Product availability may vary by region. Please contact BOFA with any questions.



PRODUCT FEATURES

Comparison tables

	Mobile FumeKART
STANDARD FEATURES	
Filter condition indicator	✓
Digital speed control	✓
Auto-sensing voltage (100-230V) for global use	✓
Lockable castors	✓
HEPA filter technology	✓
Three-stage filtration	✓
UKCA and CE	✓
Brushless motor	✓
SureCHECK quality standard	✓
ProTECT	✓
OPTIONAL FEATURES	
VOC gas sensor (Volatile Organic Compound)	✓
Remote stop/start interface	✓
Onboard compressor	✓
Variety of arms/hoods	✓

FUME CABINETS

	FumeCAB 250	FumeCAB 600	FumeCAB 700	FumeCAB 1000 IQ
STANDARD FEATURES				
Compact size	✓	✓		
Brushless motor			✓	✓
Side entry grommets			✓	✓
Audible and visual warning alarms			✓	✓
Filter blocked indicator			✓	✓
Advanced carbon filter technology			✓	✓
HEPA filter technology			✓	✓
LED strip lights	✓	✓	✓	✓
Intelligent Operating System (iQ)				✓
Reverse flow filter technology			✓	✓
Automatic flow control system			✓	✓
Patented technology				✓
Hose kit	✓	✓		
UKCA and CE	✓	✓	✓	✓
SureCHECK quality standard	✓	✓	✓	✓
ProTECT	✓	✓	✓	✓
OPTIONAL FEATURES				
VOC monitor			✓	✓
Stand			✓	✓
Conformal coating blackout kit			✓	✓
UV lights			✓	✓
Anti-static (ESD)			✓	✓
Tall				✓
Deep				✓

TRAINING DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team direct to you.



For more information visit bofainternational.com/bofa-academy

	Tip extraction system		Volume extraction system				
	T 1	T 15	V 200	V 250	V 300E	V 350E	V 600
							
Tip							
Tip extraction	✓	✓					
Max number of tips	1	15					
Volume							
Arm extraction			✓	✓	✓	✓	✓
Max number of arms			1	2	2	2	6
Hand soldering (inc. lead-free)	✓	✓	✓	✓	✓	✓	✓
Rework stations	✓	✓	✓	✓	✓	✓	✓
Selective soldering							
PCB drilling			✓	✓			✓
De-soldering	✓	✓	✓	✓	✓	✓	✓
Brazing							
Silver soldering							
Laser soldering							
Spray cleaning				✓			✓
PCB de-lugging			✓	✓			✓
Gluing			✓	✓			✓
Potting			✓	✓			✓
Machine soldering							
Wave soldering							
Automated soldering							
Reflow ovens							
Rec max airflow (m ³ /hr) for oven							

APPLICATION CHART

				Mobile extraction system
	V Oracle SA iQ	V Oracle iQ	V 1000 iQ	FumeKART
				
Tip				
Tip extraction				
Max number of tips				
Volume				
Arm extraction	✓	✓	✓	✓
Max number of arms	4	4	8	1
Hand soldering (inc. lead-free)	✓	✓	✓	✓
Rework stations	✓	✓	✓	✓
Selective soldering	✓	✓	✓	
PCB drilling	✓	✓	✓	
De-soldering	✓	✓	✓	
Brazing		✓	✓	
Silver soldering		✓	✓	✓
Laser soldering	✓	✓	✓	
Spray cleaning	✓	✓	✓	✓
PCB de-lugging	✓	✓	✓	✓
Gluing	✓	✓	✓	
Potting	✓	✓	✓	
Machine soldering			✓	
Wave soldering			✓	
Automated soldering			✓	
Reflow ovens			✓	
Rec max airflow (m ³ /hr) for oven			510	

Tip and Volume extraction accessories and filters



Tip systems	
T1	x 1
T 15	x 15



Volume systems	32/50mm unit mounted stay put arm	32/50mm stay put arm with benchtop bracket	75mm unit mounted stay put arm	75mm stay put arm with benchtop bracket	Speed control box
V 200	✓	✓			
V 250	✓	✓			✓
V 300E			✓	✓	
V 350E			✓	✓	
V 600		✓		✓	
V Oracle iQ		✓		✓	
V 1000 iQ		✓		✓	

✓ = 50mm and above for multiple arm set ups (dependant on requirement).



FILTER TECHNOLOGY

The electronics range is designed around a complete three-stage filtration setup. These three stages give complete filtration at all levels and provide protection from different potentially hazardous particulate and fume elements. The cheaper pre-filter is designed as a barrier for the majority of contaminate, protecting the more expensive HEPA and carbon filters, allowing for long filter life and lower cost of ownership across the lifetime of the unit.

For more information visit bofainternational.com/filters

ACCESSORIES

We have created an extensive range of accessories and hose kits to complement the electronics range. From LED light arms to downdraft trays and cowls, you'll find the perfect accessory to match your extractor and an array of hose kits in many shapes, sizes and combinations most suited to your application. Contact your sales representative for more information or visit bofainternational.com/accessories



Tip and Volume extraction accessories

BOFA offer a wide range of volume extraction accessories. From extraction arms with diameters of 32mm for intricate soldering, up to 75mm arms for heavy-duty applications such as transformer production. Downdraft trays and tabletop cowl for specific production demands are also available.

Number reference	Description	Part number
1	32mm ESD stay put arm with funnel	1UA1020044
2	32mm ESD stay put arm with nozzle	1UA1020046
3	50mm ESD stay put arm with funnel	1UA1020045
4	50mm ESD stay put arm with nozzle	1UA1020047
5	50mm ESD stay put arm with slot	1UA1020049
6	75mm ESD stay put arm - unit mounted	1UA1020042
7	75mm ESD bench bracket	1UA1020043
8	38mm Stainless steel ESD stay put arm with nozzle	1UA1020160
9	38mm Stainless steel ESD stay put arm with funnel	1UA1020184
10	50mm ESD cowl	1UA1020037
11	50mm Clear cowl	1UA1020036
12	75mm ESD cowl (black)	1UA1020039
13	75mm Clear cowl	1UA1020038
14	50mm ESD downdraft tray	1UA1020040
15	75mm ESD downdraft tray	1UA1020041
16	Table bracket for 32mm and 50mm	1UA1020051
17	Automatic flush system seal for 32mm and 50mm	1UA1020052
18	50mm ESD stay put arm with plenum funnel	1UA1020179
19	50mm Stay put arm with nozzle - 1m long (unit mounted)	1UA1020048
20	Light arm - white	1UA1020168
21	Light arm - black	1UA1020169



1 / 3



2 / 4



5



6



7



8



9



10



11



12 / 13



14 / 15



16



17



18



19



20



21

Can't find an accessory that fits your requirements?

We have an extensive range of accessories available. On request we can create bespoke accessories to complement our full range of BOFA dust and fume extraction systems.

Speak to our knowledgeable team today to find the appropriate system for your specific requirements.



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

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