

A Donaldson Company

A WORLD LEADER IN FUME **EXTRACTION TECHNOLOGY**







High volume extraction for hand and machine soldering applications.

BOFA's V 1000 iQ high-end extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy-duty applications. This unit can cater for up to 15 operators (dependent on installation) as a centralised system or can be used to filter fumes from automated soldering machines.

Performance has now been enhanced with the inclusion of several new features including BOFA's Intelligent operating system (iQ), making the new V 1000 iQ one of our most advanced systems available.

The iQ system takes performance parameters to a new level and helps keep maintenance, downtime and ownership costs to a minimum.

More information about the Intelligent Operating System (iQ).

Technology



Intelligent operating system (iQ)



DeepPleat DUO pre-filter



V 1000 iQ

HEPA filter



Automatic flow control (AFC) technology



Reverse flow air (RFA) technology



filter (ACF) technology



Patented technology



ProTECT service plan



SureCHECK quality standard

Key features of the V 1000 iQ

iQ Operating System

Standard

Reverse flow air filter technology (RFA)

Standard

Automatic flow control system

Standard

High contrast display

Standard

Remote diagnostics via USB

Standard

Combined HEPA / gas filter incorporating ACF technology

Standard

High airflow and pressure rates

Standard

DeepPleat DUO pre-filter

Standard

Real time airflow reading

Standard

'Run safe' operation

Standard

Independent filter condition monitoring, display and warnings

Standard

Filters with long life and low replacement cost

Standard

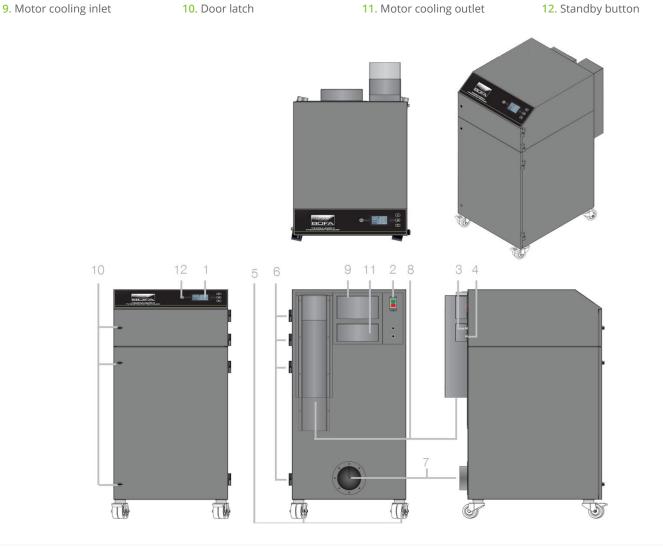
Contact BOFA at https://bofainternational.com/en/contact/

https://bofainternational.com/en/portal/datasheets/v-1000-iq/



Technical specification

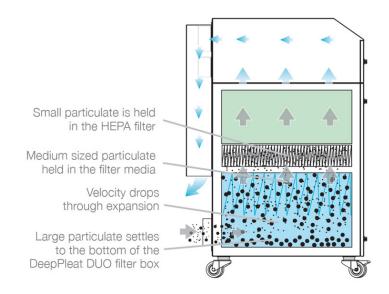
- 1. iQ display 5. Castors
- 2. On / off switch
- 6. Door hinge
- 3. Power cable
- 7. Hose inlet connection -125mm
- 11. Motor cooling outlet
- 4. Signal / interface cable
- 8. Exhaust outlet
- 12. Standby button



Airflow through filters







Technical data			
	EU	US	
Dimensions (HxWxD)	1205 x 615 x 790mm	47.44 x 24.21 x 31.10"	
Cabinet construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel	
Airflow / pressure	850m³/hr / 100mbar	500cfm / 100mbar	
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 60/50Hz Full load current: 19.5 amps / 2.2kw	
Noise level	< 63dBA (at typical operating speed)	< 63dBA (at typical operating speed)	
Weight	146kgs	321.88lbs	
Approvals	UKCA and CE	UKCA, CE, cUL, UL*	

DeepPleat DUO pre-filter specifications		
Surface media area	30m² approx (322.8ft²)	
Filter media	Borosilicate	
Filter media construction	Maxi Pleat construction with glue bead spacers	
Filter housing	Zintec mild steel	
Filter efficiency	F8 (95% @ 0.9 microns)	
Inlet size	125mm	
Dropout chamber size	58 litres	
Filter media pleat size	200mm	

Combined HEPA / gas filter specifications		
Surface media area	7.5m² approx (80.7 ft²)	
HEPA filter media	Borosilicate	
HEPA media construction	Maxi pleat construction with glue bead spacers	
Filter housing	Zintec mild steel	
Treated activated carbon	34kgs (74.8 lbs)	

Combined HEPA / gas filter specifications Filter efficiency 99.997% @ 0.3 microns

Unit part numbers					
Model	Voltage	Part number	24v stop / start	VOC monitoring	On-board compressor
V 1000 iQ Stainless steel	230v	E1272	A2001	A2003	A2007
V 1000 iQ Stainless steel	115v	E1271	A2001	A2003	A2007
V 1000 iQ Powder coated	230v	E1262	A2001	A2003	A2007
V 1000 iQ Powder coated	115v	E1261	A2001	A2003	A2007

Replacement filters part numbers			
Model	DeepPleat DUO pre-filter	Combined HEPA / gas filter	
V 1000 iQ	A1030222	A1030297	

^{*} 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.

Other languages

V 1000 iQ French

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.

