



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

V 1500 iQ

ELECTRONICS

Last Updated on 13.04.2021



High volume extraction for hand and machine soldering applications.

BOFA's V 1500 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 that generate large amounts of particulate and gaseous organic compounds. This unit can cater for up to 20 operators using 32mm arms as a centralised system or can be used to extract fumes from automated soldering machines.

Performance has now been further enhanced with the inclusion of several new features including BOFA's new iQ Operating System, making the new V 1500 iQ one of the most advanced system available.

The iQ system takes performance and safety parameters to a new level and ensures that maintenance, downtime and ownership costs are kept to a minimum.

More information about the [Intelligent Operating System \(iQ\)](#).

Technology



Intelligent Operating System (iQ)



DeepPleat DUO pre-filter



HEPA filter



Automatic flow control (AFC) technology



Reverse flow air (RFA) technology



Advanced carbon filter (ACF) technology



Patented technology



ProTECT service plan



SureCHECK quality standard

Key features of the V 1500 iQ

iQ Operating System
Standard

Reverse flow air filter technology
Standard

Automatic flow control system
Standard

High contrast display
Standard

High airflow and pressure rates
Standard

DeepPleat DUO pre-filter
Standard

Real time airflow reading
Standard

'Run safe' operation
Standard

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

<https://bofainternational.com/en/portal/datasheets/v-1500-iq/>



Remote diagnostics via USB
Standard

Combined HEPA / gas filter incorporating ACF technology
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

Interfacing
Optional

Independent filter condition monitoring, display and warnings
Standard

Filters with long life and low replacement cost
Standard

Remote stop / start interface
Optional

Other filter medias
Optional

Technical specifications

1. iQ display

2. On / off switch

3. Power cable

4. Signal / interface cable

5. Castors

6. Door hinge

7. Hose inlet connection -
125mm

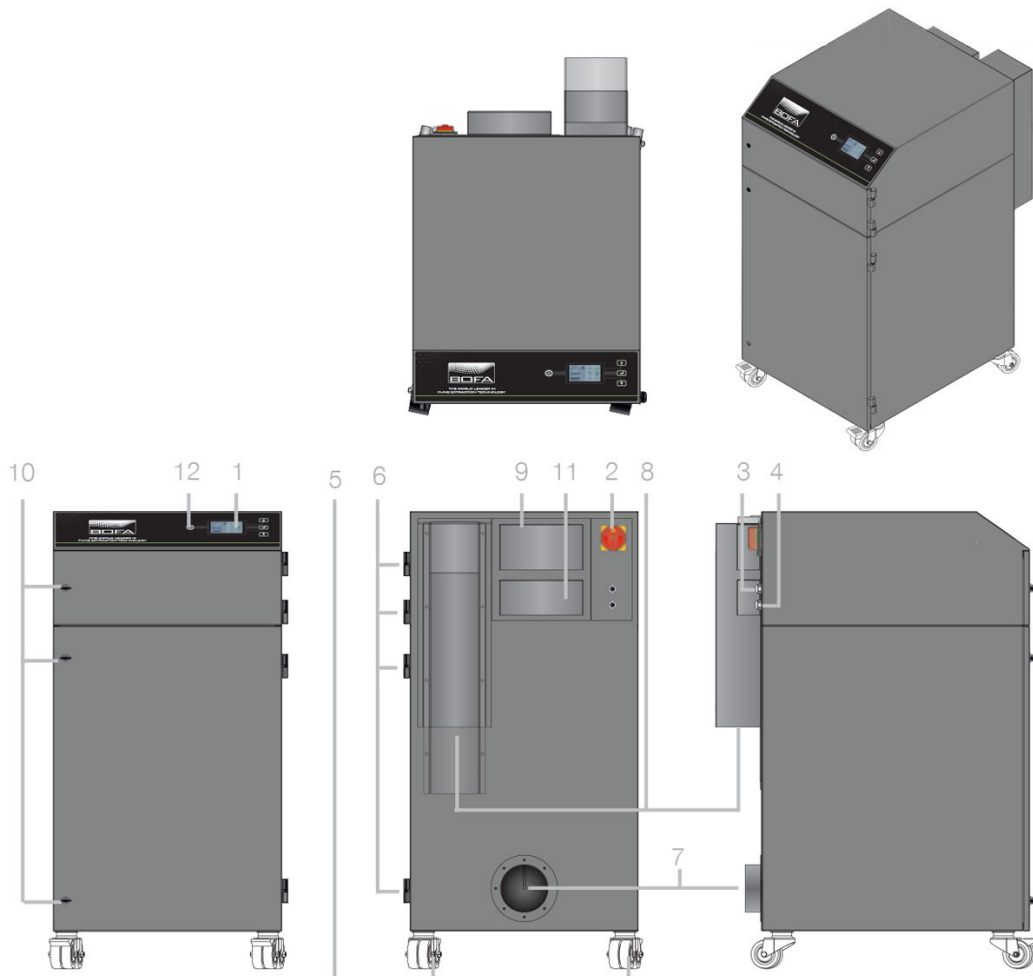
8. Exhaust outlet

9. Motor cooling inlet

10. Door latch

11. Motor cooling 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	1250m ³ /hr / 100mbar	735cfm / 100mbar
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 24 amps / 3.3kw	415v 50/60Hz Full load current: 8.5 amps / 3.3 14.5 amps Neutral
Noise level	< 68dBA (at typical operating speed)	< 68dBA (at typical operating speed)
Weight	145kgs	320lbs
Approvals	UKCA and CE	cUL, UL *

DeepPleat DUO pre-filter specifications

Surface media area	30m ² approx (322.8 ft ²)
Filter media	Borosilicate
Filter media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Filter efficiency	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	7.5m ² approx (80.7 ft ²)
HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	30kgs (66 lbs)

Combined HEPA / gas filter specifications

Filter efficiency	99.997% @ 0.3 microns
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Unit part numbers

Model	Voltage	Part number	24v stop / start	VOC monitoring
V 1500 iQ Stainless steel	230v	E1372	A2001	A2003
V 1500 iQ Stainless steel	3Ph	E1373	A2001	A2003
V 1500 iQ Powder coated	230v	E1362	A2001	A2003
V 1500 iQ Powder coated	3Ph	E1363	A2001	A2003

Replacement filter part numbers

Model	DeepPleat DUO pre-filter	Combined HEPA / gas filter
V 1500 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 1500 iQ
[French](#)

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOC's, 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.

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

