



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

V 2000 iQ

ELECTRONICS

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The V 2000 iQ fume extraction unit for the electronics industry packs a heavyweight punch with high filter capacity and high performance.

The V 2000 iQ's technology has been developed to deliver high performance, helping to maintain airflow and filtration even when particulates start to build up. It's thanks to the vacuum/pressure which is three times greater than that of its predecessor, the V 2000. This makes it suitable for the most demanding and complex installations, so you can rely on long filter life.

It's user friendly too, with a design that makes easy work of filter changes. And the easy to read and access controls display panel is conveniently located on top of the unit.

The V 2000 iQ's design also permits greater flexibility for different exhaust installations. Different exhaust configurations allow recirculation via the rear panel or externally vented hose connection systems.

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 2000 iQ

Intelligent Operating System (iQ)
Standard

Reverse flow air technology
Standard

2 x combined HEPA / gas filter incorporating ACF technology
Standard

High contrast display
Standard

Filter status warnings
Standard

Automatic flow control
Standard

2 x DeepPleat DUO pre-filters
Standard

Blowers with high airflow and vacuum levels
Standard

Real time airflow reading
Standard

Remote data diagnostics via USB
Standard

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

<https://bofainternational.com/en/portal/datasheets/v-2000-iq/>



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

Independent filter condition monitoring
Standard

Run safe' operation (filters must be installed correctly for the unit to operate)
Standard

Remote stop / start interface
Optional

Long life filters with low replacement costs
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

Filter change / system fail signal
Optional

Technical specification

1. iQ display

2. Standby button

3. Signal / interface cable (optional)

4. Power cable

5. Locking castors

6. Door hinges

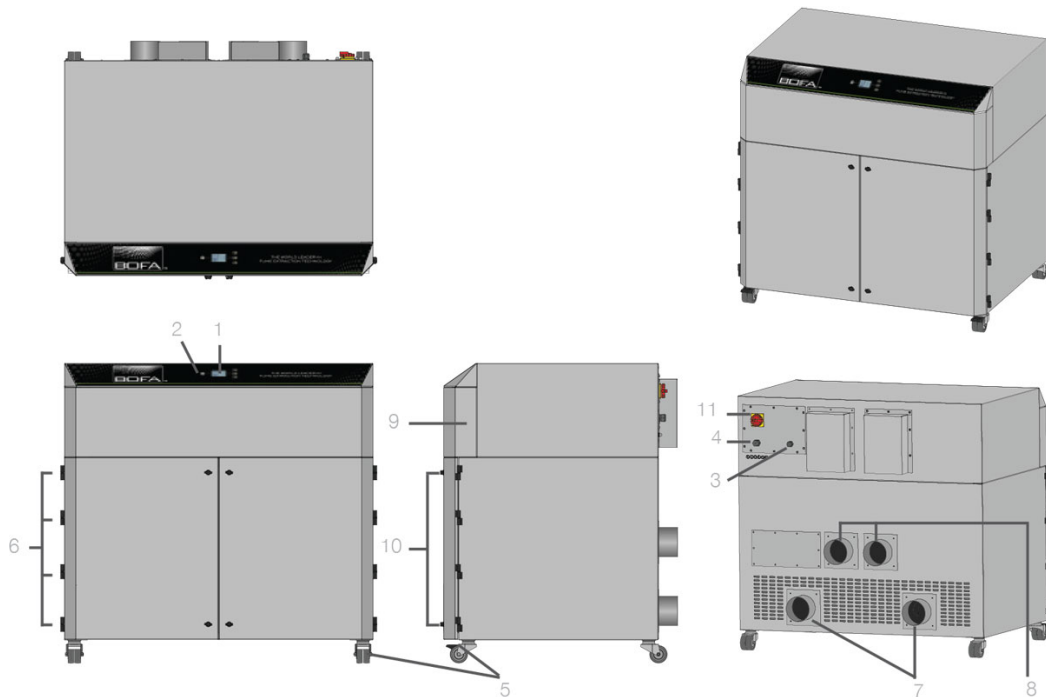
7. Hose inlet connections - 125mm

8. Optional exhaust outlet connections - 125mm

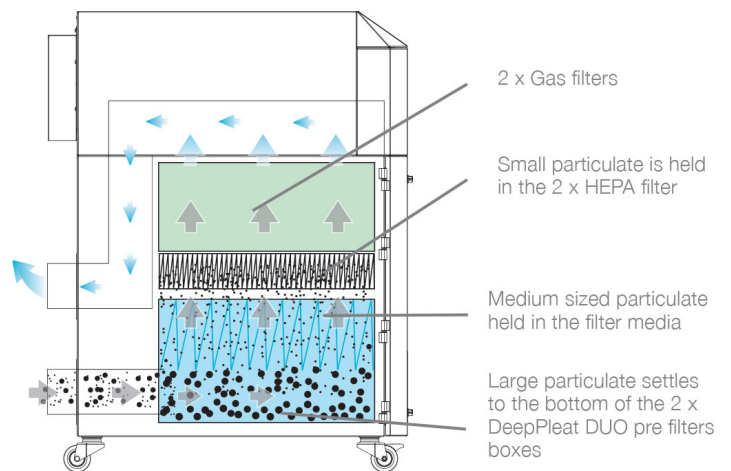
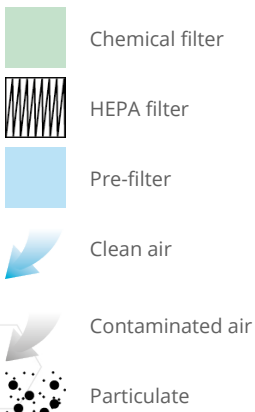
9. Removable front panel

10. Door latches

11. On / off switch



Airflow through filters



Technical data

EU

Technical data

Dimensions (HxWxD)	1280 x 1360 x 1005mm (50.39 x 53.54 x 39.57")
Cabinet construction	Powder coated mild steel
Airflow / pressure	2500m ³ /hr / 96mBar (1471cfm / 96mBar)
Electrical data	(EU) 415V / Three-phase 3~ / 50Hz / 6.6kw / L1, L2, L3 16A - N 28A
	(USA) 208V / Three-phase 3~ / 60Hz / 6.6kw / L1, L2, L3 20A - N 35A
Noise level	< 75dBA (at typical operating speed)
Weight	340kgs (750lbs)
Approvals	UKCA and CE

2 x DeepPleat DUO pre-filter specifications

Surface media area	30m ² approx x 2 (60m ²) 322.8 ft ² approx x 2 (645.6 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 x 2 (116 litres)
Filter media pleat size	200mm x 2 (400mm)

2 x combined HEPA / gas filter specifications

Surface media area	7.5m ² approx x 2 (15m ²) 80.7 ft ² approx x 2 (161.4 ft ²)
HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	34kgs (68kgs)
Filter efficiency	99.997% @ 0.3 microns

Unit part numbers

Model	Part no.	24V stop / start	Filter change / system failure signal	VOC monitor
V 2000 iQ powder coated	E1763	A2001	A2002	A2003

Replacement filter part numbers

Model	Twin pack DeepPleat DUO pre-filters	Twin pack combined HEPA / gas filters
V 2000 iQ	A1030403	A1030404

Other languages

V 2000 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.*

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