



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

V 2000 iQ

ELECTRONICS

Last Updated on 30.08.2018



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

The V 2000 iQ's technology is proven to deliver superior and measurable performance, ensuring airflow and filtration is maintained 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 extended filter life, together with effective removal of fumes and particulates.

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 iQ Operating System is Patent-protected and has received global acclaim for its ability to maximise manufacturing performance and continuity of production.

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

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

Technology



Intelligent (iQ) Operating System



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

iQ Operating System
Standard

Reverse Flow Air technology
Standard

2 x Combined HEPA/Gas filter incorporating ACF technology
Standard

Automatic Flow Control
Standard

2 x DeepPleat DUO pre filters
Standard

Blowers with high airflow and vacuum levels
Standard

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

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



High contrast display
Standard

Filter status warnings
Standard

Independent filter condition monitoring
Standard

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

Remote stop/start interface
Optional

Real time airflow reading
Standard

Remote data diagnostics via USB
Standard

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

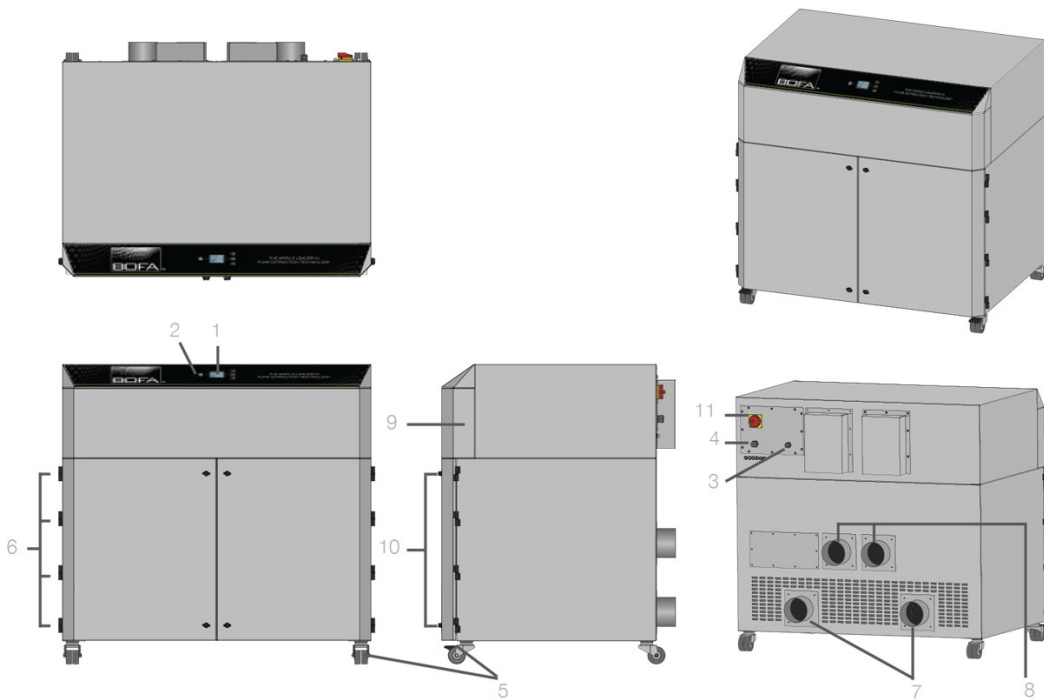
7. Hose inlet connections - 125mm

8. Optional exhaust outlet connections - 125mm

9. Removable front panel

10. Door latches

11. On / off switch



Airflow through filters

 Chemical filter

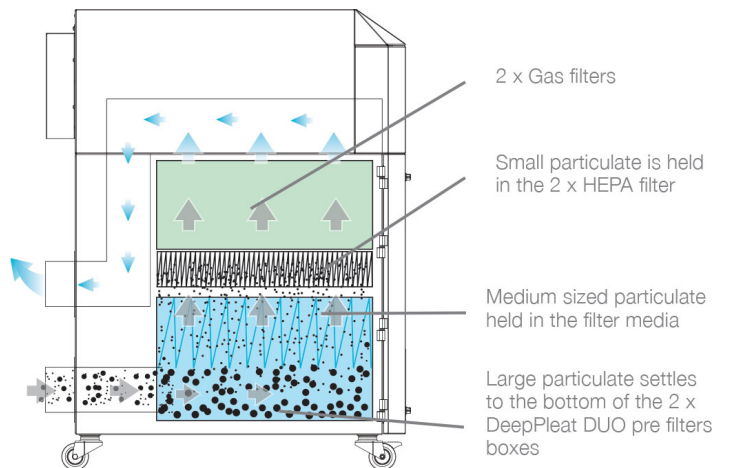
 HEPA filter

 Pre filter

 Clean air

 Contaminated air

 Particulate



Technical data

	EU
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 / 3Ph / 50Hz / 6.6kw / L1, L2, L3 16A - N 28A (USA) 208V / 3Ph / 60Hz / 6.6kw / L1, L2, L3 20A - N 35A
Noise level	< 75dBA (at typical operating speed)
Weight	340kgs (750lbs)
Approvals	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	Glass fibre
Filter media construction	Maxi pleat construction with webbing 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	Glass fibre
HEPA media construction	Maxi pleat construction with webbing 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 filters - 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.

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.

