



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

V Oracle SA iQ

ELECTRONICS

Last Updated on 30.08.2018



The complete, compact, global solution for high performance fume extraction for the electronics industry.

Introducing BOFA's most technically advanced compact fume extractor designed specifically to meet electronics industry needs. The V Oracle SA iQ has been enhanced with BOFA's iQ Operating System, RFA and ACF technology and packs a powerful range of unique features into one compact unit.

The iQ Operating System 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.

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 \(iQ\) Operating System](#).

Technology



Intelligent (iQ) Operating System



DeepPleat pre filter



HEPA filter



Automatic flow control (AFC) technology



Reverse flow air (RFA) technology



Advanced carbon filter (ACF) technology



Multi voltage sensing (MVS) unit



Patented technology



ProTECT service plan



SureCHECK quality standard

Key features of the V Oracle SA iQ

iQ Operating System
Standard

Reverse Flow Air filter technology (RFA)
Standard

Auto sensing voltage (90-257v) - For global use
Standard

Real time airflow reading
Standard

Automatic Flow Control
Standard

Advanced Carbon Filter technology (ACF)
Standard

High contrast display
Standard

Filter status warnings
Standard

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

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



Independent filter condition monitoring
Standard

Remote data diagnostics via USB
Standard

Low noise levels
Standard

Small footprint
Standard

Interfacing
Optional

Filter change / System fail signal
Optional

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

Low cost replacement filters
Standard

Lockable castors
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

Remote stop / start interface
Optional

Optional filter medias
Optional

Technical specification

1. iQ Display

5. Door latches

9. Door hinges

2. On / off switch

6. Hose inlet connection -
75mm

10. Standby button

3. Power cable

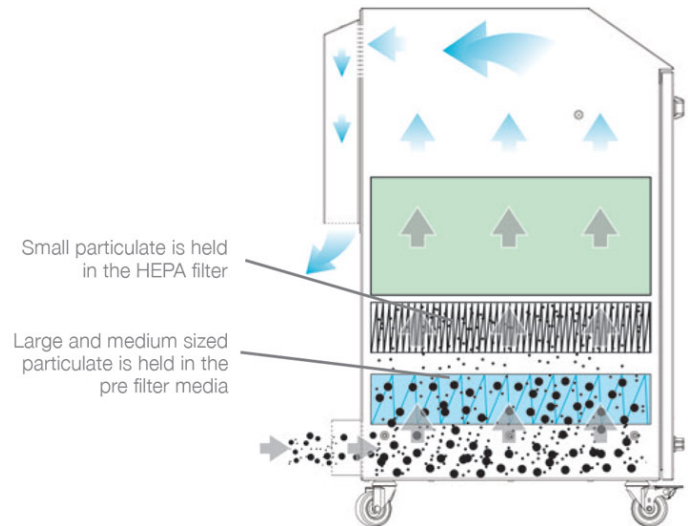
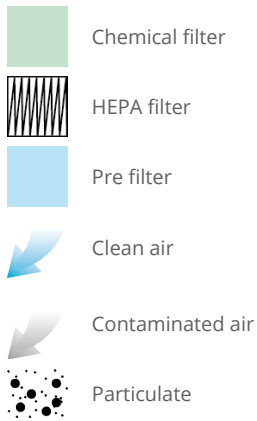
7. Exhaust outlet

4. Signal / interface cable

8. Motor cooling inlet



Airflow through filters



Technical data

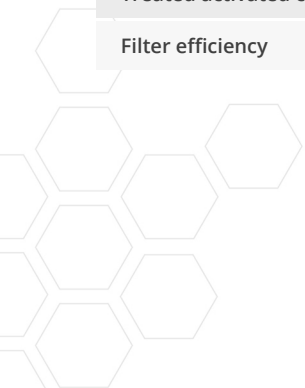
	EU	US
Dimensions (HxWxD)	745 x 450 x 515 mm	29.33 x 17.72 x 20.28"
Cabinet construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	380m ³ /hr / 96mbar	223cfm / 96mbar
Electrical data	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw
Noise level	< 60dBA (at typical operating speed)	< 60dBA (at typical operating speed)
Weight	58kg	128lbs
Approvals	CE	CE

Pre filter specifications

Surface media area	2.97m ² approx (31.9 ft ²)
Filter media	Glass fibre
Filter media construction	Folded pleat
Filter housing	Cardboard
Filter efficiency	F8 (92% @ 0.8 microns)

Combined filter specifications

HEPA filter media	Glass fibre
HEPA media construction	Maxi pleat construction with webbing spacers
Filter housing	Zintec mild steel
Treated activated carbon	15kgs (33 lbs)
Filter efficiency	99.997% @ 0.3 microns



Part numbers

Model	Part number	24v Stop/Start	Filter change / System failure signal	Hose kit	VOC monitoring
V Oracle SA iQ Stainless Steel	E2974	A2001	A2002	A1020008	A2003
V Oracle SA iQ Powder Coated	E2964	A2001	A2002	A1020008	A2003

Replacement filters

Model	Pre filter	Combined filter
V Oracle SA iQ	A1030344	A1030155

Other hose kits and filters are available.

Other languages

V Oracle SA 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.

