



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

AD Oracle SA iQ

LASER

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The complete, compact, global solution for high performance laser fume extraction system.

Introducing BOFA's most technically advanced compact laser fume extractor. The AD 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



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 AD Oracle SA iQ

iQ operating system
Standard

Reverse flow air filter technology (RFA)
Standard

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

Automatic Flow Control
Standard

Advanced carbon filter technology (ACF)
Standard

High contrast display
Standard

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

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



Real time airflow reading

Standard

'Run safe' operation

Standard

Low cost replacement filters

Standard

Low noise levels

Standard

Small footprint

Standard

Interfacing with host laser

Optional

Filter change / System fail signal

Optional

Independent filter condition monitoring

Standard

Remote diagnostics via USB

Standard

HEPA and Gas combined filter

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

2. On / off switch

3. Power cable

4. Signal / interface cable

5. Door latches

6. Hose inlet connection - 75mm

7. Exhaust outlet

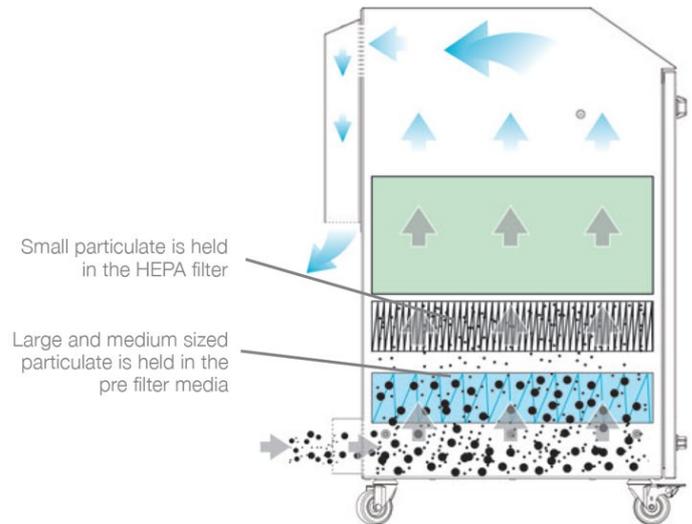
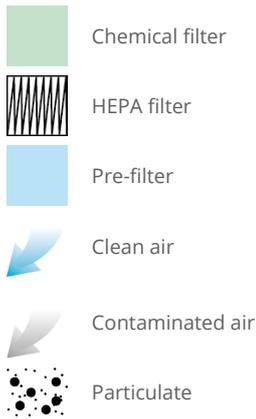
8. Motor cooling inlet

9. Door hinges

10. Standby button



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	cUL, UL

Pre-filter specifications

Surface media area	3.15m ² approx (33.894 ft ²)
Filter media	Borosilicate
Filter media construction	Folded pleat
Filter housing	Cardboard
Filter efficiency	95% @ 0.9 microns

Combined filter specifications

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



Part numbers

Model	Voltage	Part no.	24V stop / start	Filter change / System failure signal	VOC monitoring	Hose kit
AD Oracle SA iQ stainless steel	90V - 257V	L2374	A2001	A2002	A2003	A1020008
AD Oracle SA iQ powder coated	90V - 257V	L2364	A2001	A2002	A2003	A1020008

Replacement filters

Model	Pre-filter	Combined filter
AD Oracle SA iQ	A1030344	A1030155

Other languages

AD Oracle SA 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.

