



THE WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# AD Oracle SA iQ

LASER

Last Updated on 13.07.2018



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.

## 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

Automatic Flow Control  
Standard

Advanced carbon filter technology (ACF)  
Standard

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

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



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

Standard

**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

**High contrast display**

Standard

**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

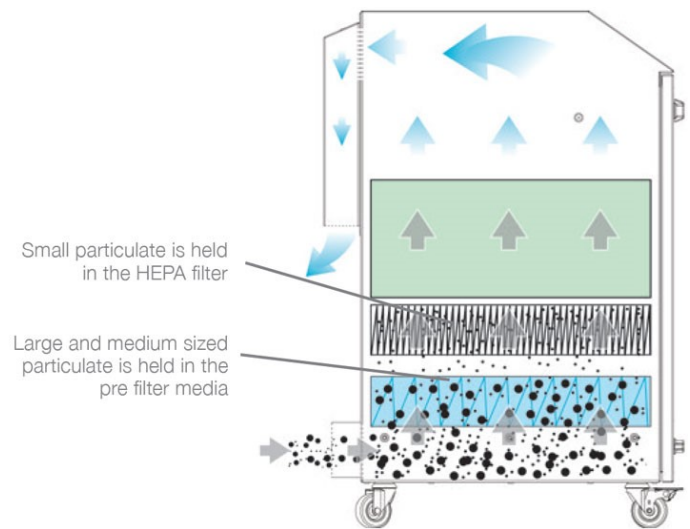
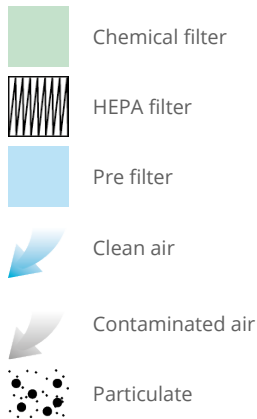
8. Motor cooling inlet

9. Door hinges

10. Standby button



## Airflow through filters



### 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

### Technical data

	EU	US
Dimensions (HxWxD)	730 x 430 x 530 mm	28.74 x 16.93 x 20.87"
Cabinet construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	380m <sup>3</sup> /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

### Pre filter specifications

Surface media area	3.15m <sup>2</sup> approx
Filter media	Glass fibre
Filter media construction	Folded pleat
Filter housing	Cardboard

## Pre filter specifications

Filter efficiency	95% @ 0.9 microns
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## 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
Filter efficiency	99.997% @ 0.3 microns

*Datasheet correct at time of publishing. For specific applications, please contact us for details.*

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