



A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# AD Oracle SA iQ

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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 Intelligent Operating System (iQ), RFA and ACF technology and packs a powerful range of unique features into one compact unit.

The Intelligent Operating System (iQ) 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.

It takes performance parameters to a new level and helps keep maintenance downtime and ownership costs to a minimum.

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

## Technology



Intelligent Operating System (iQ)



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 (100-230v) - 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-2/>



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

**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

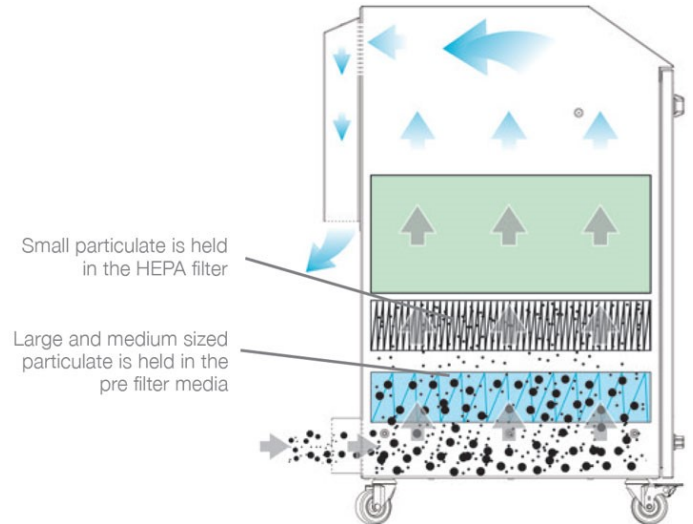
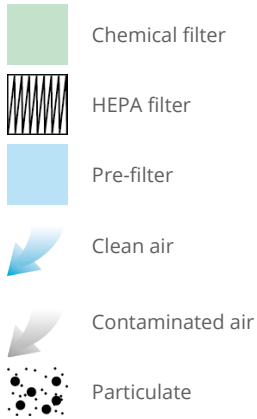
8. Motor cooling inlet

9. Door hinges

10. Standby button



## Airflow through filters



### Technical data

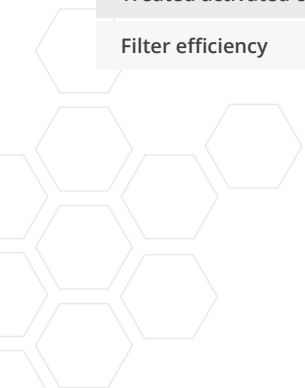
	EU	US
Dimensions (HxWxD)	745 x 450 x 515 mm	29.33 x 17.72 x 20.28"
Cabinet construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / pressure	380m <sup>3</sup> /hr / 96mbar	223cfm / 96mbar
Electrical data	100-230v single-phase 1~ 50/60Hz full load current: 12.5 amps / 1.1kw	100-230v - 257v single-phase 1~ 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	UKCA and CE	cUL, UL*

### Pre-filter specifications

Surface media area	3.15m <sup>2</sup> approx (33.894 ft <sup>2</sup> )
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

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

## 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 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.*

*Think before you print! Please consider the environment before printing this document.*

