



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 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 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 (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

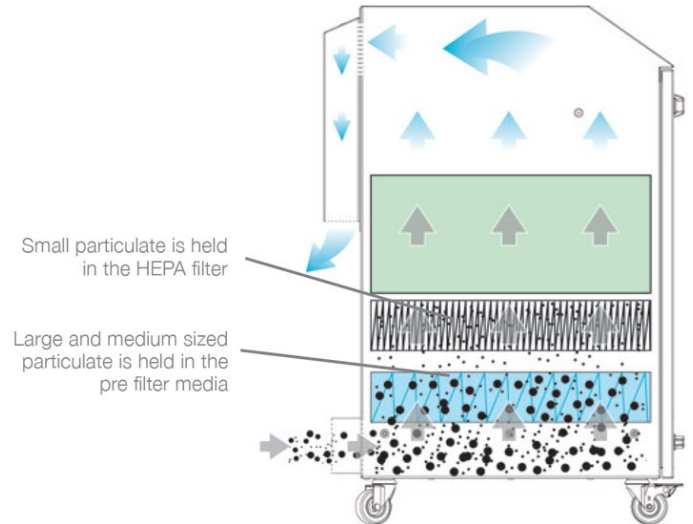
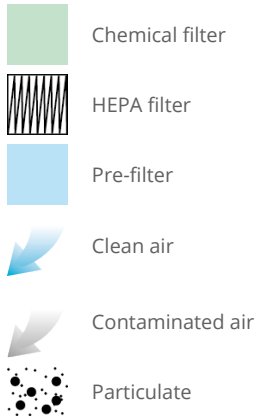
8. Motor cooling inlet

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 Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw | 90 - 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 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 |

* 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 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.

