



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# AD Oracle iQ

LASER

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The premier choice and best in class solution with unique features in a compact unit.

The 'best in class' high-performance AD Oracle has now been further enhanced with the introduction of BOFA's new iQ Operating System, combining a 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, the system also 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 \(iQ\)](#).



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## Technology



Intelligent Operating System (iQ)



DeepPleat DUO 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 AD Oracle iQ

Reverse flow filter technology  
Standard

Auto sensing voltage (100-230v) - for global use  
Standard

HEPA and gas combined filter  
Standard

Real time airflow reading  
Standard

Filter status warnings  
Standard

Automatic flow control  
Standard

Advanced carbon filter technology  
Standard

High contrast display  
Standard

Independent filter condition monitoring  
Standard

'Run safe' operation  
Standard

Contact BOFA at <https://bofainternational.com/en/contact/>  
<https://bofainternational.com/en/portal/datasheets/ad-oracle-iq/>



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

Remote diagnostics via USB  
Standard

Interfacing  
Optional

Optional filter medias  
Optional

VOC gas sensor (Volatile Organic Compound)  
Optional

On-board compressor  
Optional

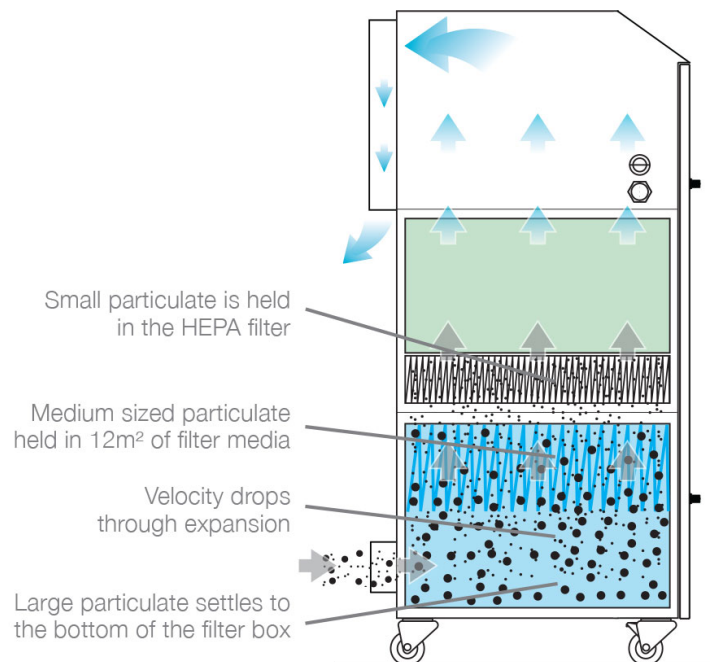
### Technical specification

- 1. iQ display
- 2. On / off switch
- 3. Power cable
- 4. Signal / interface cable
- 5. Door hinge
- 6. Hose inlet connection - 75mm
- 7. Exhaust outlet
- 8. Motor cooling inlet
- 9. Door latch



### Airflow through filters

- Chemical filter
- HEPA filter
- Pre-filter
- Clean air
- Contaminated air
- Particulate



## Technical data

	EU	US
Dimensions (HxWxD)	975 x 440 x 515 mm	38.39 x 17.32 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 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	65kg	143lbs
Approvals	UKCA and CE	cUL, UL*

## DeepPleat DUO pre-filter specifications

Surface media area	12m <sup>2</sup> approx (129.12 ft <sup>2</sup> )
Filter media	Borosilicate
Filter media construction	Pleated with glue bead spacers
Filter housing	Zintec mild steel
Filter efficiency	F8, 95% @ 0.9 microns
Inlet size	75mm (0.24ft)
Dropout chamber size	16.2 litres
Filter media pleat size	200mm (0.65ft)

## Combined filter specifications

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

## Part numbers

Model	Part number	24V stop / start	Filter change / system failure signal	VOC monitor	Hose kit
AD Oracle iQ stainless steel	L1974	A2001	A2002	A2003	A1020008 75-50mm
AD Oracle iQ powder coated	L1964	A2001	A2002	A2003	A1020008 75-50mm

## Replacement filters

Model	DeepPleat DUO pre-filter	Combined filter
AD Oracle iQ	A1030156	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 iQ  
[Chinese](#)

AD Oracle 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.*

