



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

AD Oracle iQ

Last Updated on 11.02.2018



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 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.

Technology



Intelligent (iQ)
Operating System



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 (90v - 257v) - 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



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



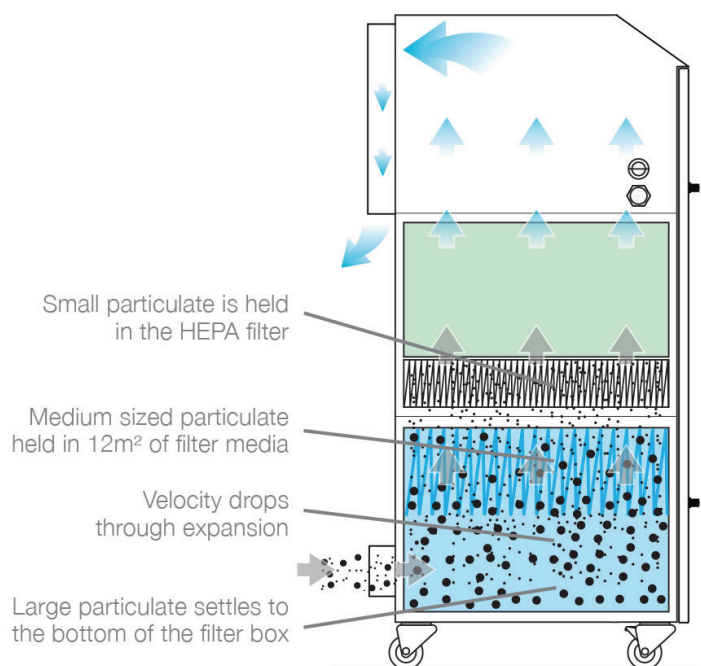
Clean air



Contaminated air



Particulate



Technical data		
	EU	US
Dimensions (HxWxD)	975 x 455 x 505 mm	38.39 x 17.91 x 19.88"
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	90v - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	90v - 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	65kg	143lbs
Approvals	CE	cUL, UL

DeepPleat DUO pre-filter specifications	
Surface media area	12m ² approx (129.12 ft ²)
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

* Certain product configurations may affect the UL certification. Please speak to your sales representative.

Other languages

AD Oracle iQ
[German](#)

AD Oracle iQ
[French](#)

AD Oracle iQ
[Chinese](#)

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.



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