



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

## AD Oracle iQ

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The premier choice and best in class system 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 Intelligent Operating System (iQ) 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 helps keep maintenance downtime and ownership costs to a minimum.

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

### 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



Remote diagnostics via USB  
Standard

Interfacing  
Optional

Optional filter medias  
Optional

VOC gas sensor (Volatile Organic Compound)  
Optional







On-board compressor  
Optional

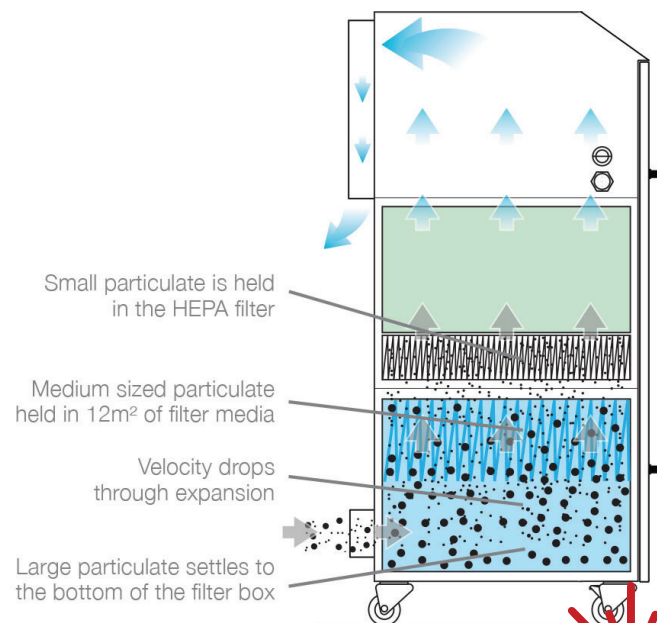
## Technical specification

- |               |                                 |                   |                             |
|---------------|---------------------------------|-------------------|-----------------------------|
| 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	380m³/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	12m² approx (129.12 ft²)
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

