



THE WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# AD Oracle iQ

Advantage

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. Whilst 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.

### STANDARD FEATURES:

- Reverse Flow filter technology
- Automatic Flow Control
- Auto sensing voltage (90-257v) - For global use
- High contrast display
- Real time airflow reading
- Independent filter condition monitoring
- Filter status warnings
- 'Run safe' operation
- Remote diagnostics via USB

### OPTIONAL FEATURES:

- VOC gas sensor (Volatile Organic Compound)
- Interfacing with host laser
- On-board compressor
- Optional filter media's

The most advanced fume extraction solution for high performance laser systems.



iQ Intelligent Technology

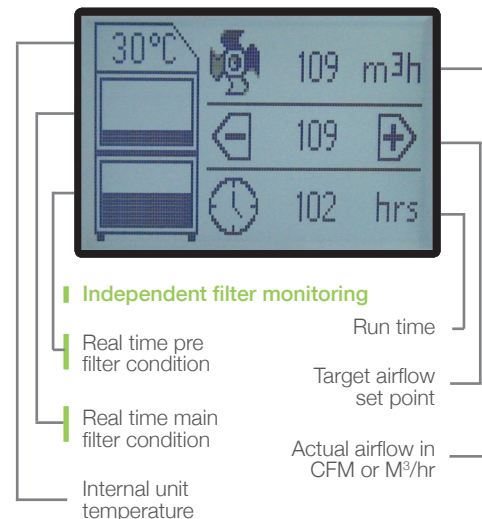


Featuring DeepPleat DUO filter technology



Featuring Advanced Carbon Filter technology

*For high performance and long filter life*



<http://www.bofa.co.uk/iqOperationSystem.asp>



Take a look at the iQ animation, which explains exactly why the BOFA iQ Operating System provides unrivalled control and data management for your fume extraction unit.

PART NUMBERS					
Model	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	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

TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	980 x 430 x 430 mm	38.5 x 17 x 17"
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	90 - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	
Noise Level	< 60dBA*	< 60dBA*
Weight	65kg	143lbs
Approvals	CE	UL

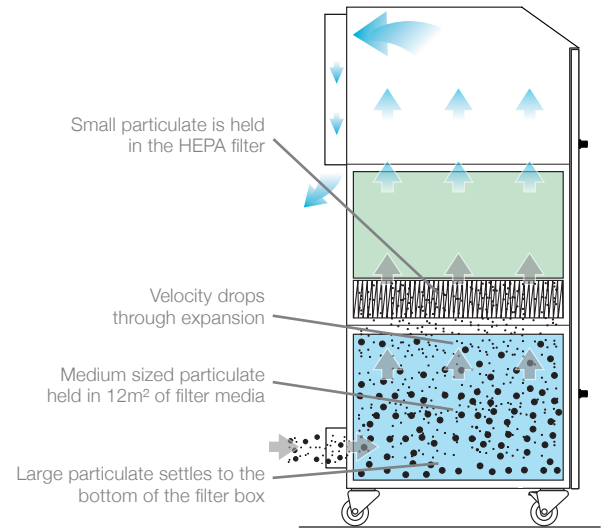
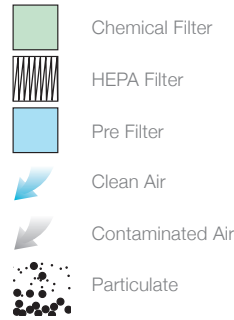
\* At typical operating speed.

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS	
Surface Media Area	12m <sup>2</sup> approx
Filter Media	Glass Fibre
Filter Media Construction	Maxi Pleat with webbing spacer
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

COMBINED FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Efficiency	99.997% @ 0.3 microns
Treated Activated Carbon	15kgs
Filter Housing	Zintec Mild Steel

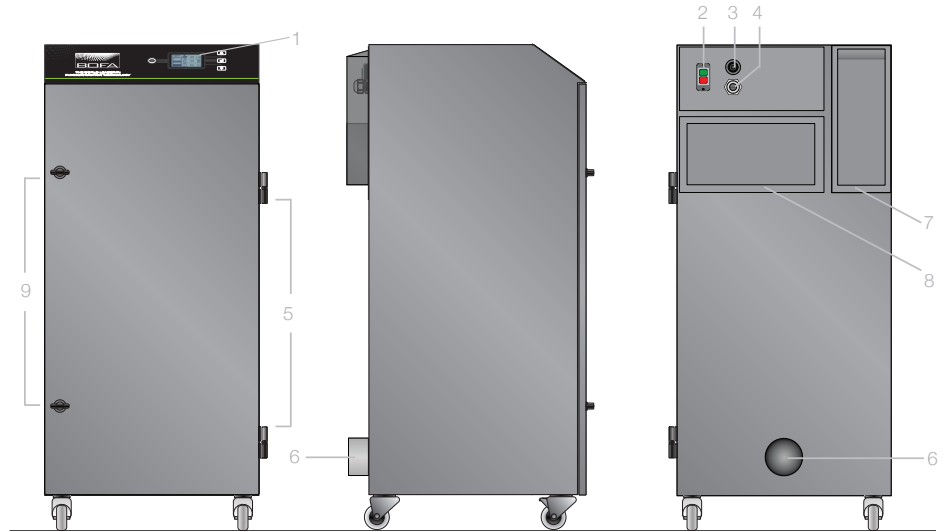
Other hose kits and filters are available. All units are fitted with our standard filter combinations. For specific applications please call us for details. Replacement filters should always be ordered using the part number on the filters inside your extractor to ensure the correct filter is ordered. Datasheet correct at time of print.

## AIRFLOW THROUGH FILTERS



## TECHNICAL SPECIFICATION

- |                            |                         |
|----------------------------|-------------------------|
| 1 iQ Display               | 6 Hose Inlet Connection |
| 2 On / Off Switch          | 7 Exhaust Outlet        |
| 3 Power Cable              | 8 Motor Cooling Inlet   |
| 4 Signal / Interface Cable | 9 Door Latch            |
| 5 Door Hinge               |                         |



Date:27/2/13 V:2



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