

# AD Oracle SA iQ

Advantage

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.

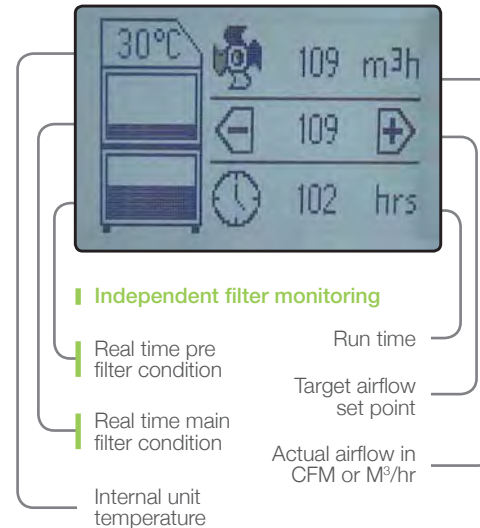
The iQ Operating System performs at two distinct levels: Operators benefit from the ease of operation and clarity of real time information and the system provides a cache of analytical data, enabling users to download performance and operating parameters for evaluation purposes.

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.

## STANDARD FEATURES:

- iQ Operating System
- Reverse Flow Air filter technology (RFA)
- Advanced Carbon Filter technology (ACF)
- Automatic Flow Control
- Auto sensing voltage (90-257v) - For global use
- High contrast display
- Real time airflow reading
- Filter status warnings
- Independent filter condition monitoring
- 'Run safe' operation (filters must be installed correctly for the unit to operate).
- Remote data diagnostics via USB
- Low cost replacement filters
- Low noise levels
- Lockable castors
- Small footprint

The complete, compact, global solution for high performance laser fume extraction.



## OPTIONAL FEATURES:

- VOC gas sensor (Volatile Organic Compound)
- Interfacing with host laser
- Remote stop / start interface
- Filter change / System fail signal
- Optional filter media's



**Authorized Distributor:**  
**All-Marks, LLC**  
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**www.all-marks.com**

PART NUMBERS					
Model	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	Hose Kit**
AD Oracle SA iQ Stainless Steel	L2347	A2001	A2002	A2003	A1020008
AD Oracle SA iQ Powder Coated	L2346	A2001	A2002	A2003	A1020008

REPLACEMENT FILTERS		
Model	Pre Filter	Combined filter
AD Oracle SA iQ	A1030093	A1030155

TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	730 x 430 x 515 mm	28.7 x 17 x 20.3"
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	55kg	121lbs

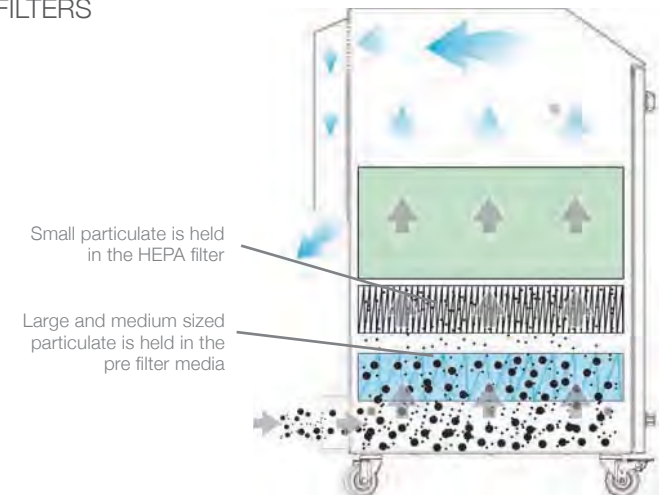
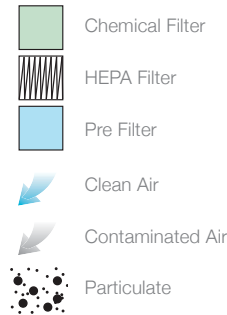
\* At typical operating speed.

PRE FILTER SPECIFICATIONS	
Surface Media Area	0.6m <sup>2</sup> approx
Filter Media	Glass Fibre
Filter Media Construction	Folded Pleat
Filter Housing	Cardboard
Filter Efficiency	M6 (95% @ 3 microns)

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

\*\*Other hose kits and filters are available. All the above 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               | 5 Door Latches                 |
| 2 On / Off Switch          | 6 Hose Inlet Connection - 75mm |
| 3 Power Cable              | 7 Exhaust Outlet               |
| 4 Signal / Interface Cable | 8 Motor Cooling Inlet          |
|                            | 9 Door Hinges                  |
|                            | 10 Standby button              |



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