



THE WORLD LEADER IN  
FUME EXTRACTION TECHNOLOGY

National Academic Representative:



Technology Education Concepts

1-800-338-2238 | www.TECedu.com | info@TECedu.com

# AD 1000 iQ

Advantage

BOFA's AD 1000 iQ high end laser extraction system combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate large amounts of particulate and gaseous organic compounds.

Performance has now been further enhanced with the inclusion of several new features including BOFA's new iQ Operating System, making the new AD 1000 iQ one of the most advanced system available.

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:

- High airflow and pressure rates
- Reverse flow filter technology
- DeepPleat DUO pre filter
- Combined HEPA/Gas filter incorporating ACF technology
- Filters with long life and low replacement cost
- Automatic flow control system
- Real time airflow reading
- Independent filter condition monitoring, display and warnings
- High contrast display
- 'Run safe' operation
- Remote diagnostics via USB

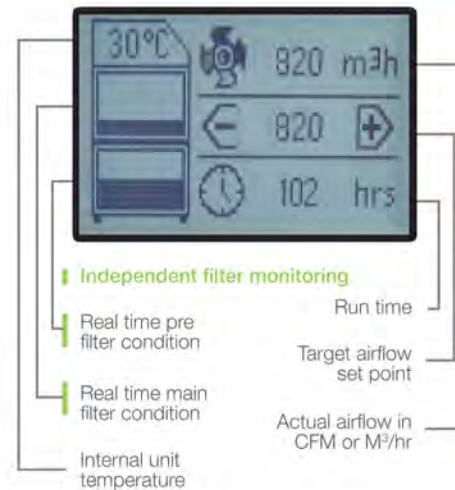
### OPTIONAL FEATURES:

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

The high end laser fume extraction system for laser marking, coding and engraving industries.

- iQ** iQ Intelligent Technology
- DEEP PLEAT DUO** Featuring DeepPleat DUO filter technology
- ACF** Featuring Advanced Carbon Filter technology
- SF** Optional Smart 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.

UNITS - PART NUMBERS			OPTIONS			
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	On-board Compressor
AD 1000 IQ Stainless Steel	230V	L0772	A2001	A2002	A2003	A2007
	115V	L0771				
AD 1000 IQ Powder Coated	230V	L0762				
	115V	L0761				

REPLACEMENT FILTERS - PART NUMBERS		
Model	DeepPleat DUO Pre Filter	Combined HEPA/Gas Filter
AD 1000 IQ	A1030222	A1030297

TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	1197 x 600 x 790mm	47.1 x 23.6 x 31.1"
Cabinet Construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	850m <sup>3</sup> /hr / 100mbar	500cfm / 100mbar
Electrical Data	230v 1ph 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 60/50Hz Full load current: 19.5 amps / 2.2kw
Noise Level	< 61dBA*	< 61dBA*
Weight	140kgs	309lbs
Approvals	CE	CE

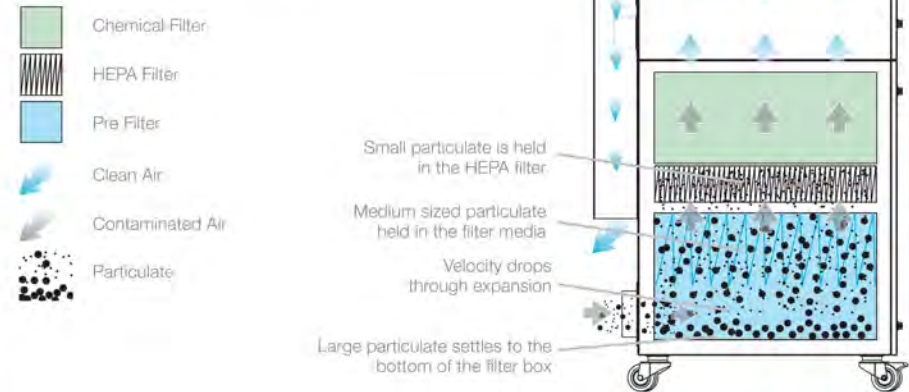
\* At typical operating speed.

DEEPPLEAT DUO PRE FILTER SPECIFICATIONS	
Surface Media Area	30m <sup>2</sup> approx
Filter Media	Glass Fibre
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

COMBINED HEPA/GAS FILTER SPECIFICATIONS	
Surface Media Area	7.5m <sup>2</sup> approx
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	34kgs
Filter Efficiency	99.997% @ 0.3 microns

Other items like and filters are available. All filter assemblies are fitted with a standard 100mm diameter. For specific applications please call us for details. Recommended filter should always be ordered using the part number on the label inside your respective to ensure the correct filter is ordered. Dated and correct at time of print.

## AIRFLOW THROUGH FILTERS



## TECHNICAL SPECIFICATION

- iQ Display
- On / Off Switch
- Power Cable
- Signal / Interface Cable
- Castors
- Door Hinge
- Hose Inlet Connection - 125mm
- Exhaust Outlet
- Motor Cooling Inlet
- Door Latch
- Motor Cooling Outlet
- Standby Button



DATE: 1/10/12 V2.3

BOFA INTERNATIONAL LTD

National Academic Representative:



Technology Education Concepts

BOFA AMERICAS, INC

1-800-338-2238 | www.TECedu.com | info@TECedu.com

British Quality

