



THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY



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 been further enhanced with the inclusion of several features including BOFA's acclaimed iQ Operating System, making the AD 1000 iQ one of the most advanced systems 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:

- iQ Operating System
- High airflow and pressure rates
- Reverse Flow Air filter technology
- DeepPleat DUO pre filter
- Combined HEPA/Gas filter incorporating ACF technology
- 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
- Filters with long life and low replacement cost

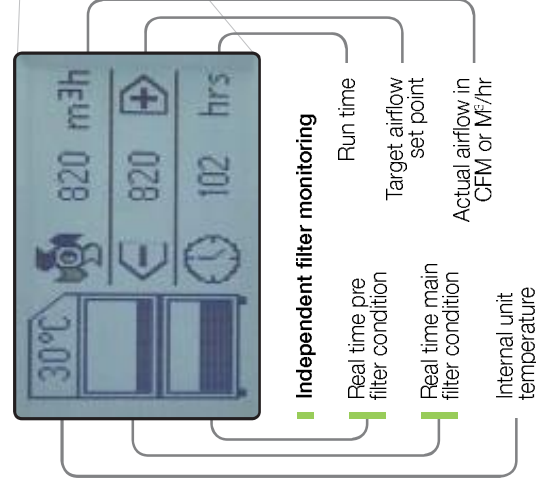
OPTIONAL FEATURES:

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

Affordable high performance laser fume extraction system for applications in the laser marking, coding and engraving industries.



Powder Coated



Take a look at the iQ animation, which explains exactly why the patented BOFA iQ Operating System provides unrivalled control and data management for your fume extraction unit.
Patented Technology - Patent No. GB2 499 812



For high performance and long filter life

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

UNITS - PART NUMBERS

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

REPLACEMENT FILTERS - PART NUMBERS

Model	DeepPleat DUO Pre Filter	Combined HEPA/Gas Filter
AD 1000 IQ	A1030222	A1030297

TECHNICAL DATA

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

* At typical operating speed.

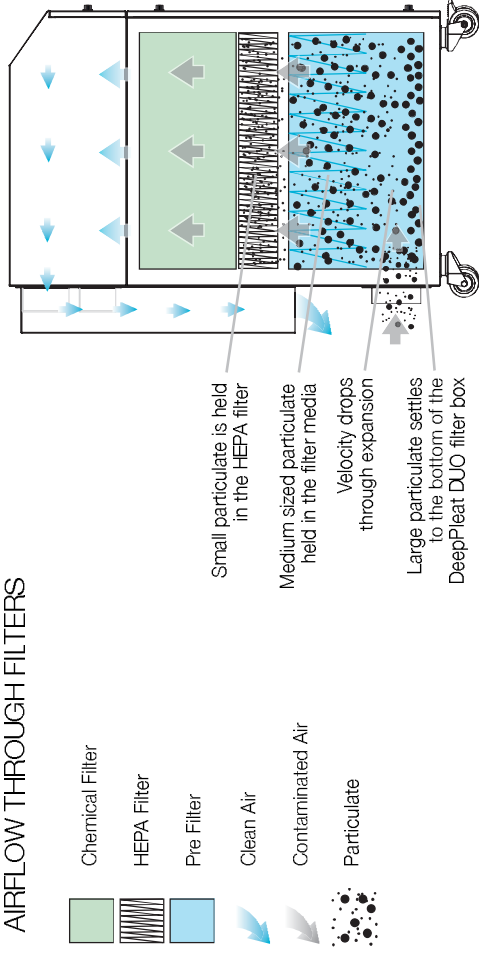
DEEPPLEAT DUO PRE FILTER SPECIFICATIONS

Surface Media Area	30m ² 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

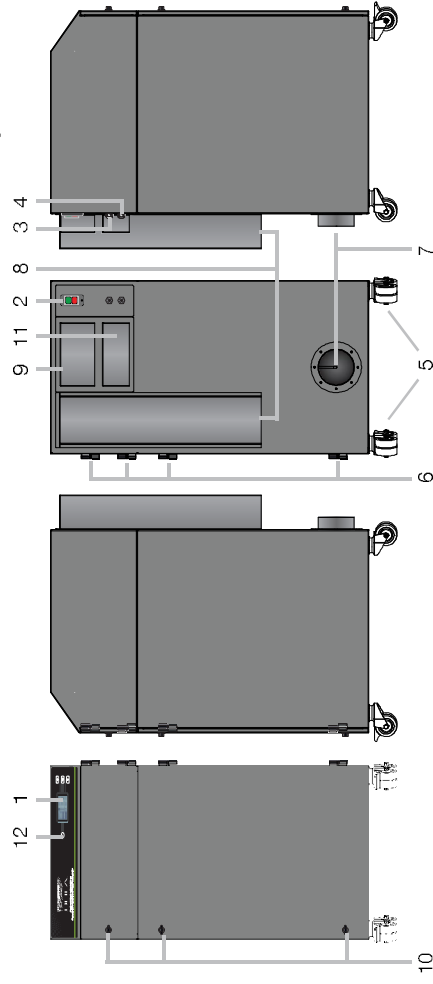
Surface Media Area	7.5m ² approx
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	34kgs
Filter Efficiency	99.997% @ 0.3 microns

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



Other hose kits and filters are available. All of 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.

Date: 11/2/15 V2.5



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