THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

AD 1500 iQ

Advantage

BOFA's AD 1500 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 1500 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.

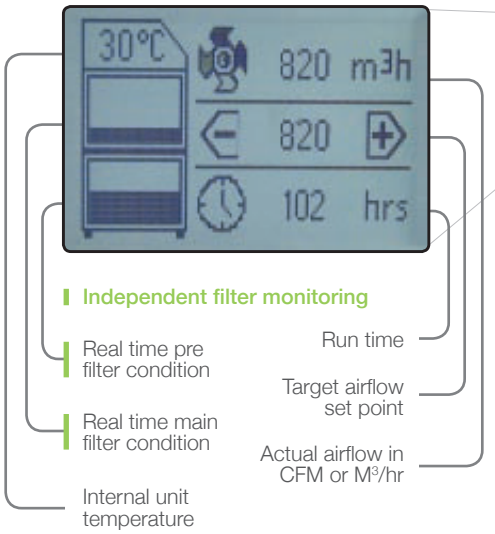
High performance laser fume extraction system for heavy duty applications in the laser marking, coding and engraving industries.

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
- Optional filter medias



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

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

For high performance and long filter life

UNITS - PART NUMBERS			OPTIONS		
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring
AD 1500 iQ Stainless Steel	230V	L0872	A2001	A2002	A2003
	3Ph	L0873			
AD 1500 iQ Powder Coated	230V	L0862			
	3Ph	L0863			

REPLACEMENT FILTERS - PART NUMBERS		
Model	DeepPleat DUO Pre Filter	Combined HEPA/Gas Filter
AD 1500 iQ	A1030222	A1030297

TECHNICAL DATA	
	230V
Dimensions (HxWxD)	1197 x 600 x 790mm (47.1 x 23.6 x 31.1")
Cabinet Construction	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	1350m³/hr (795cfm) / 100mbar
Electrical Data	230v 1ph 50/60Hz Full load current: 24 amps / 3.3kw
	3Ph 7 amps per phase / 12 amps nautral
Noise Level	< 63dBA*
Weight	145kgs (320lbs)
Approvals	CE

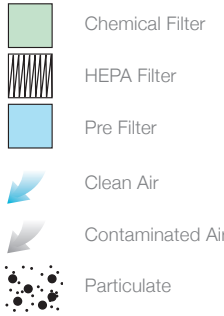
* At typical operating speed.

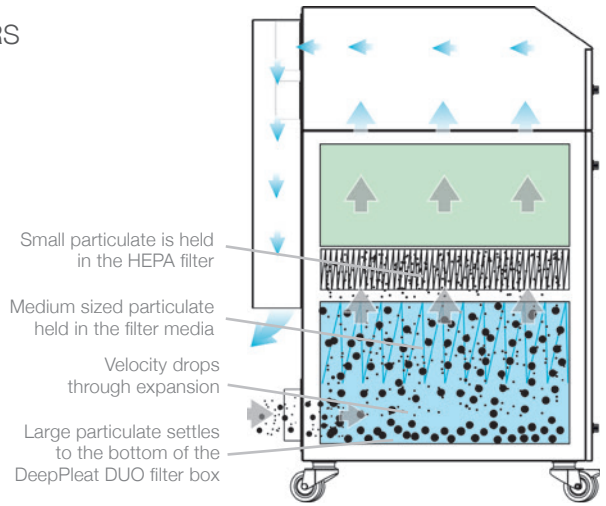
DEEPPLEAT DUO PRE FILTER SPECIFICATIONS	
Surface Media Area	30m² approx
Filter Media	Glass Fibre
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

COMBINED HEPA/GAS FILTER SPECIFICATIONS	
Surface Media Area	7.5m² 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 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.

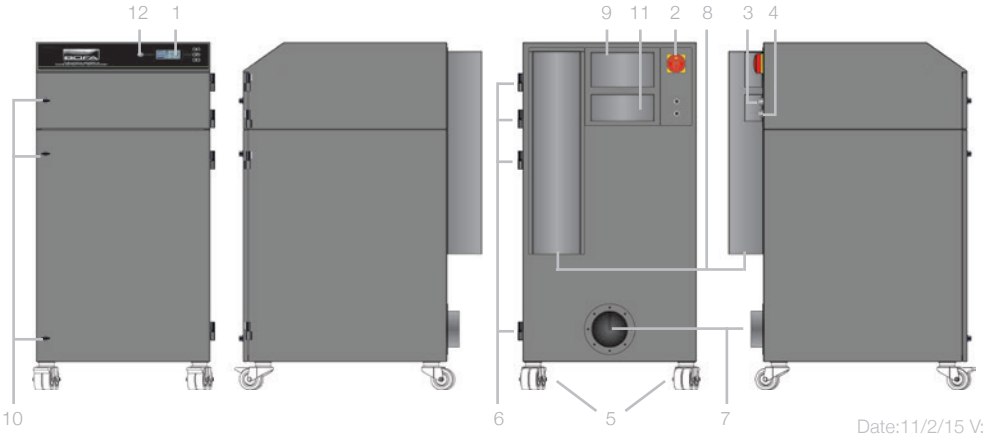
AIRFLOW THROUGH FILTERS





TECHNICAL SPECIFICATION

1 iQ Display
2 On / Off Switch
3 Power Cable
4 Signal / Interface Cable
5 Castors
6 Door Hinge
7 Hose Inlet Connection - 125mm
8 Exhaust Outlet
9 Motor Cooling Inlet
10 Door Latch
11 Motor Cooling Outlet
12 Standby Button



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BOFA INTERNATIONAL LTD
Tel: +44 (0) 1202 699 444 Fax: +44 (0) 1202 699 446 Email: sales@bofa.co.uk Web: www.bofa.co.uk

BOFA AMERICAS, INC
Tel: (618) 205 5007 Fax: (866) 707 2632 Email: sales@bofaamericas.com Web: www.bofaamericas.com

British Quality