

THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY

AD 250

ADVANTAGE

BOFA's Advantage 250 fume extraction and filtration system has been designed to provide a cost effective solution for light duty applications. This compact and extremely quiet system is ideal for use in schools, sign making workshops, small scale industrial environments and light laser coding applications.

STANDARD FEATURES:

- Blower with high airflow
- Low cost replacement filters
- Filter condition indicator

OPTIONAL FEATURES:

- VOC gas sensors
- Interface with stop/start, filter blocked and extractor failure signals

TYPICAL APPLICATIONS:

- Lasering
- Marking
- Welding
- Drilling
- Coding
- Engraving
- Cutting

For light duty on Laser Marking, Coding and Engraving.



MATERIALS:

- Ceramics
- Glass
- Metal
- Wood
- Paper
- Cardboard
- Foil
- Rubber

PART NUMBERS						
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	Hose Kit* - 50mm
AD 250 - Stainless Steel	230V	L0452A	A2001	A2002	A2003	A1020007
	115V	L0451A	A2001	A2002	A2003	A1020007
AD 250 - Powder Coated	230V	L0442A	A2001	A2002	A2003	A1020007
	115V	L0441A	A2001	A2002	A2003	A1020007

REPLACEMENT FILTERS		
Model	Pre Filter	Combined filter HEPA / Gas Filter
AD 250	A1030056	A1030055

TECHNICAL DATA		
	EC	US
Dimensions (hxwxwd)	570 x 380 x 380 mm	22.4 x 14.9 x 14.9"
Cabinet Construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Blower	135 watts	135 watts
Airflow	200m ³ /hr	118cfm
Electronics	230v 1ph 50/60Hz Full load current: 0.9 amps	115v 60/50Hz Full load current: 1.1 amps
Noise Level	< 60dBA*	< 60dBA*
Weight	40kg	88lbs

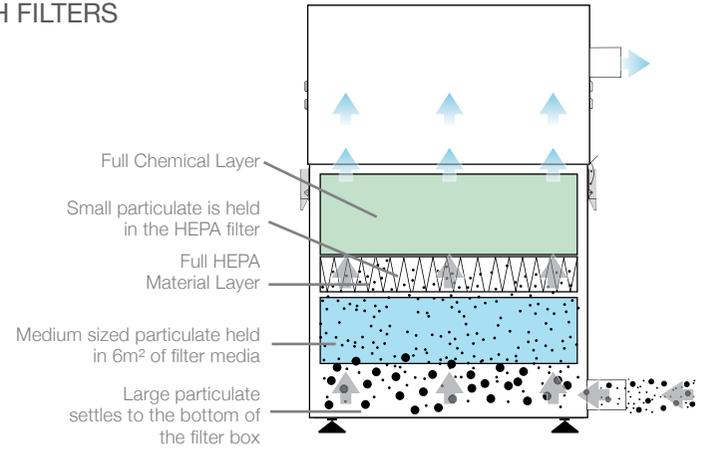
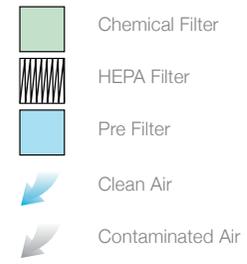
PRE FILTER SPECIFICATIONS	
Surface Media Area	6m ² approx
Filter Media	Glass Fibre
Filter Media Construction	100mm Maxi Fold construction with Webbing Spacers
Housing	Cardboard
Filter Efficiency	F8 (92% @ 0.8 microns)

COMBINED FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Gasket	Neoprene with Adhesive Backing
Filter Efficiency	H13 (99.997% @ 0.3 microns)
Treated Activated Carbon	8.5kgs
Filter Housing	Zintec Mild Steel

* At typical operating speed.

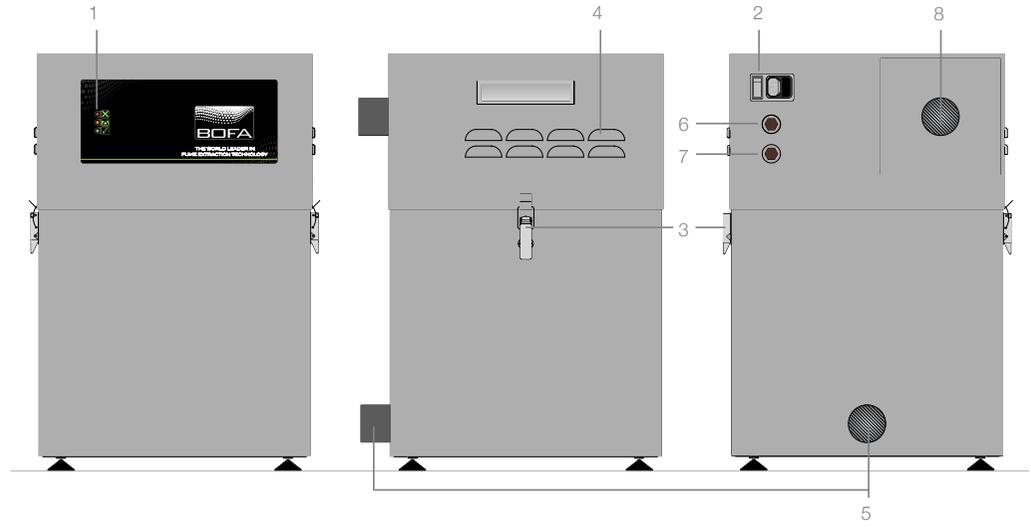
Other hose kits and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details.

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- 1 Unit/Filter Condition Display
- 2 On/Off Switch - Power Inlet
- 3 Filter Compartment Latch
- 4 Motor Cooling In & Out
- 5 Hose Inlet Connection - 50mm
- 6 Signal / Interface Cable to Laser
- 7 Power Cable
- 8 Exhaust Outlet



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