

## LASER Fume Extraction Solutions

### AD Access

Advantage

A compact and competitively priced **fume extraction** system for light duty laser **marking, coding and engraving** applications.

The introduction of low cost laser systems has led to the development of an entry level fume extraction solution in order to maintain safe operator working conditions and product quality.

The AD Access combines economic ownership with performance to match the small laser user. A three stage filter condition indicator is included as a standard feature, together with three stage filtration: DeepPleat pre filter, HEPA and chemical section.

#### STANDARD FEATURES:

- Filter condition indicator
- DeepPleat pre filter
- Advanced Carbon Filter technology
- Long life, low cost replacement filters
- Low noise levels
- Small footprint

#### OPTIONAL FEATURES:

- VOC gas sensor (Volatile Organic Compound)
- Remote stop / start interface
- Filter change / System fail signal

#### TYPICAL APPLICATIONS:

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

#### TECHNOLOGY:



DeepPleat filter technology



Advanced Carbon Filter technology



SureCheck Quality Standard



PART NUMBERS						
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	Hose Kit
AD Access Stainless Steel	230V	L1852A	A2001	A2002	A2003	A1020007
	115V	L1851A				
AD Access Powder Coated	230V	L1842A				
	115V	L1841A				

REPLACEMENT FILTERS		
Model	DeepPleat Pre Filter	Combined HEPA / Gas Filter
AD Access	A1030153	A1030154

TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	512 x 320 x 310mm	20.1 x 12.6 x 12.2"
Cabinet Construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	180m³/hr / 30mbar	106cfm / 30mbar
Electrical Data	230v 1ph 50/60Hz Full load current: 0.9 amps / 135 watts	115v 50/60Hz Full load current: 1.2 amps / 135 watts
Noise Level	< 56dB*	< 56dB*
Weight	21kg	46.3lbs
Approvals	CE	CE

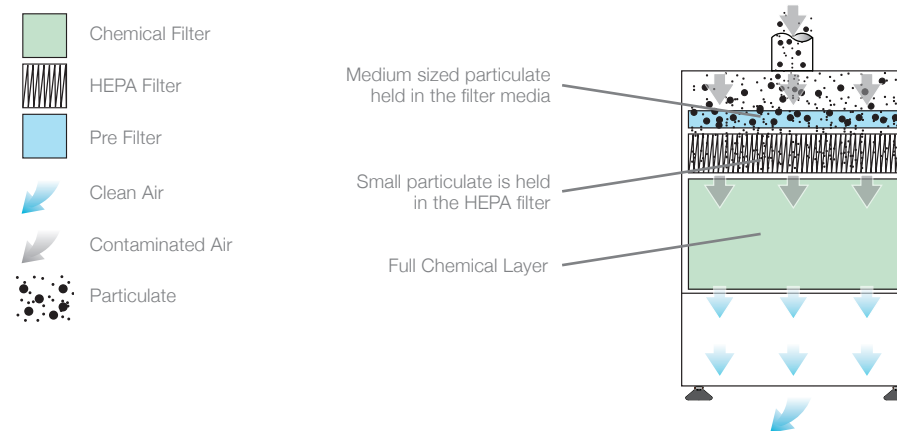
\* At typical operating speed.

DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	1.74m² approx
Filter Media	Glass Fibre
Filter Media Construction	50mm Maxi Fold Construction with Webbing Spacers
Filter Efficiency	F8 (95% @ 0.9 microns)

COMBINED FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Fold Construction with Webbing Spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	7 Kgs approx
Filter Efficiency	99.997% @ 0.3 microns

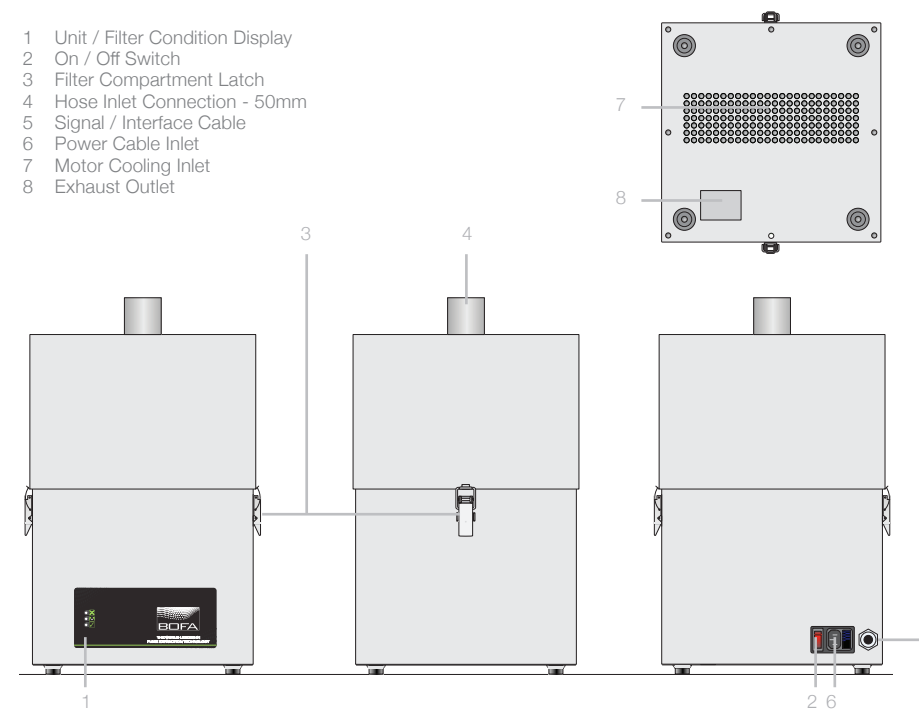
Other hose kits and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details. Replacement filters should always be ordered using the part number on the filters inside your extractor to ensure the correct filter is ordered. Datasheet correct at time of print.

## AIRFLOW THROUGH FILTERS



## TECHNICAL SPECIFICATION

- Unit / Filter Condition Display
- On / Off Switch
- Filter Compartment Latch
- Hose Inlet Connection - 50mm
- Signal / Interface Cable
- Power Cable Inlet
- Motor Cooling Inlet
- Exhaust Outlet



AD-Access:3/12/15V:2.4



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