



THE WORLD LEADER IN
FUME EXTRACTION TECHNOLOGY



www.bofa.co.uk/laser-fume-extraction.asp

LASER Fume Extraction Solutions

AD 350 Advantage

Fume extraction system for light duty laser **marking, coding and engraving** applications.

BOFA's Advantage 350 fume extraction and filtration system effectively removes potentially harmful fumes and particulates created during the laser marking process. By maintaining a dust-free operating area, the system helps to protect valuable equipment, maintain a higher quality mark, and reduce the number of rejects and contaminants.

The quiet and compact Advantage 350 is ideal for use in light duty laser marking applications, including schools, sign making workshops and small scale industrial environments.

STANDARD FEATURES:

- Blower with high airflow and pressure
- Low cost replacement filters
- Filter condition indicator
- Low noise levels
- Digital flow control system

OPTIONAL FEATURES:

- Nitrogen Dioxide sensor
- 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



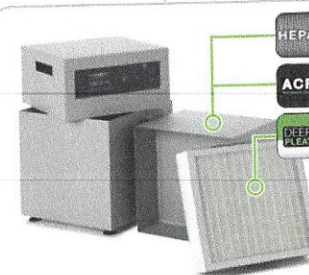
HEPA filter technology



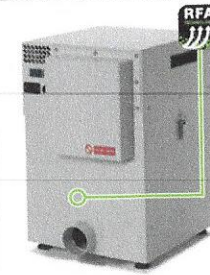
Reverse Flow Air technology



SureCheck Quality Standard



Combined HEPA/chemical filter and pre filter



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UNIT PART NUMBERS			OPTIONS		
Model	Voltage	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring
AD 350 Powder Coated	90V - 257V	L0542A0000	A2001	A2002	A2003
AD 350 with NOx sensor Powder Coated		L0542A8212			

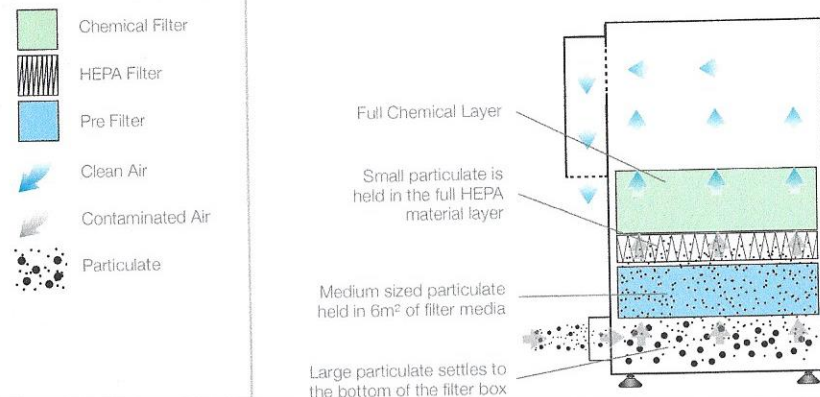
REPLACEMENT FILTER PART NUMBERS		
Model	DeepPleat Pre Filter	Combined HEPA / Gas Filter
AD 350	A1030056	A1030055
AD 350 with NOx sensor		A1030355

TECHNICAL DATA		
	EU	US
Dimensions (HxWxD)	590 x 375 x 375 mm	23.2 x 14.8 x 14.8"
Cabinet Construction	Brushed stainless steel / Powder coated mild steel	
Airflow / Pressure	380m³/hr / 96mbar	223cfm / 96mbar
Electrical Data	115-230v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	
Noise Level	< 60dBA (at typical operating sound)	
Weight	40kg	88lbs
Approvals	CE	UL

DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	6m² approx
Filter Media	Glass Fibre
Filter Media Construction	100mm DeepPleat construction with Webbing Spacers
Filter Efficiency	F8 (95% @ 0.9 microns)

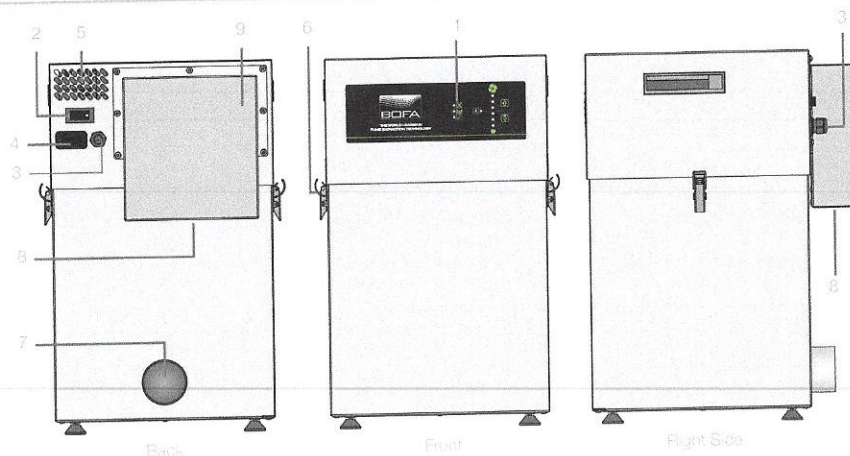
COMBINED FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	9kgs
Filter Efficiency	99.997% @ 0.3 microns

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- | | | |
|----------------------------|-----------------------|---------------------------------|
| 1 Filter Condition Display | 4 Power Cable Inlet | 7 Hose Inlet Connection - 100mm |
| 2 On / Off Switch | 5 Motor Cooling Inlet | 8 Exhaust Outlet |
| 3 Signal / Interface Cable | 6 Filter Latch | 9 Nitrogen Dioxide Sensor |



Other noise 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 in the table and do your extractor to ensure the correct filter is ordered. Datesheet correct at time of print.

AD350-16A-110V-24



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