

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
- Nitrogen Dioxide sensor
- Low cost replacement filters
- Filter condition indicator
- Low noise levels
- Digital flow control system

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



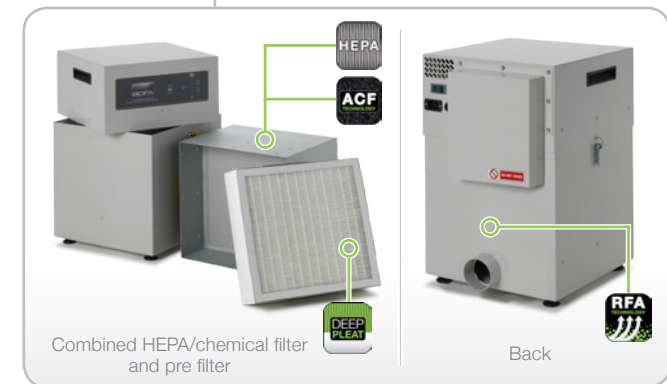
HEPA filter technology



Reverse Flow Air technology



SureCheck Quality Standard



| UNIT PART NUMBERS | | | OPTIONS | | |
|-------------------------|------------|----------|------------------|---------------------------------------|----------------|
| Model | Voltage | Part No. | 24V Stop / Start | Filter change / System failure signal | VOC Monitoring |
| AD 350 Powder Coated | 90V - 257V | L0542A | A2001 | A2002 | A2003 |

| REPLACEMENT FILTER PART NUMBERS | | |
|---------------------------------|----------------------|----------------------------|
| Model | DeepPleat Pre Filter | Combined HEPA / Gas Filter |
| AD 350 | A1030056 | A1030055 |

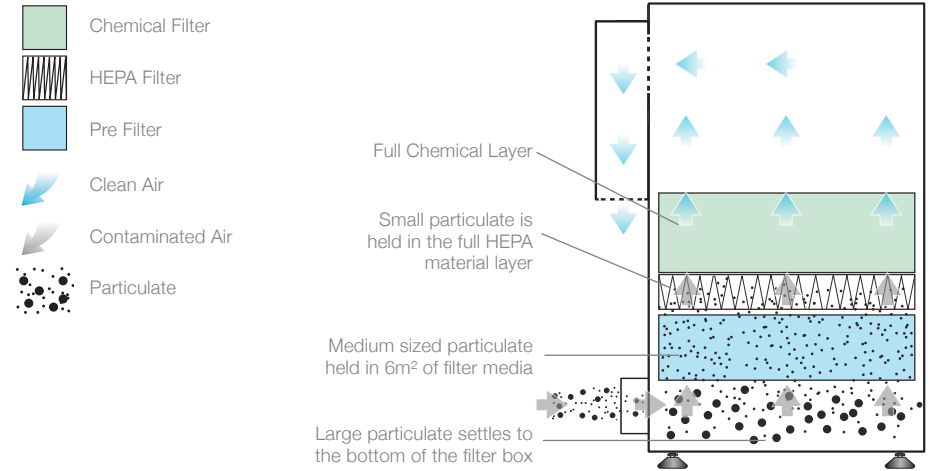
| TECHNICAL DATA | | |
|----------------------|---|--|
| | 230V | 115V |
| Dimensions (HxWxD) | 590 x 375 x 375 mm | 23.2 x 14.8 x 14.8" |
| Cabinet Construction | Brushed stainless steel / Powder coated mild steel | Brushed stainless steel / Powder coated mild steel |
| Airflow / Pressure | 380m³/hr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

* At typical operating speed.

| 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) |

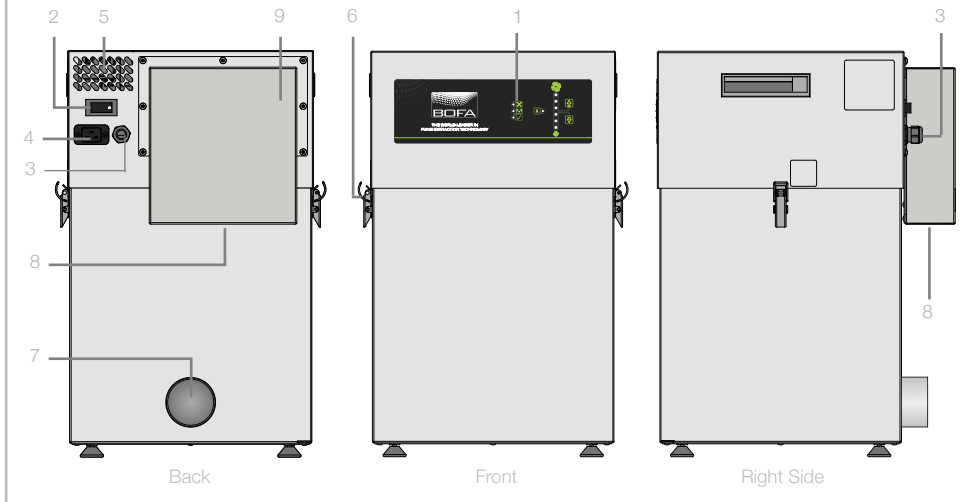
| COMBINED FILTER SPECIFICATIONS | |
|--------------------------------|--|
| HEPA Filter Media | Glass Fibre |
| HEPA Media Construction | Maxi Pleat Construction with Webbing Spacers |
| Filter Housing | Zintec Mild Steel |
| Treated Activated Carbon | 9kgs |
| Filter Efficiency | 99.997% @ 0.3 microns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

AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

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



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.

AD350:27/11/15V:2.2



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British Quality

