



AD 1000
LASER FUME EXTRACTION SYSTEMS

FUME EXTRACTION DIVISION

WORLD CLASS SOLUTIONS

FUME EXTRACTION DIVISION

AD 1000

LASER FUME EXTRACTION SYSTEMS

BOFA's high end range of laser extraction systems combine extremely large filter capacity with high airflows and pressure. This combination makes it ideal for heavy duty applications that generate large amounts of particulate and gaseous organic compounds. This system benefits from Automatic Flow Control, which enables the end user to set the required airflow for the application. The unit will then maintain this airflow throughout the life cycle of the filters.

The additional feature of BOFA's 'Easi-Glide' filter location mechanism makes filter change easy, quick and safe. A truly state of the art laser fume purification solution.



STANDARD FEATURES

- Turbines with high airflow and pressure
- Filters with long life and low replacement cost
- 'Easi-Glide' filter location mechanism
- Automatic flow control system
- Filter condition display
- Built in silencing

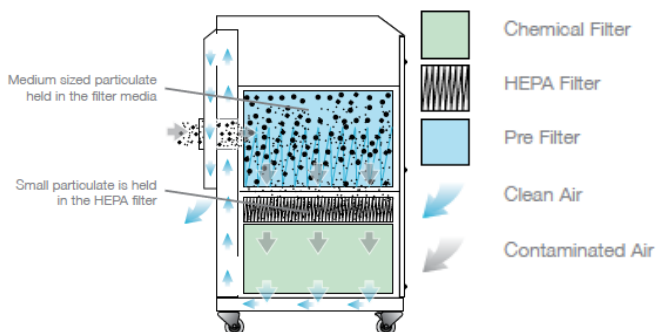
OPTIONAL FEATURES

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

TYPICAL APPLICATIONS

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

AIRFLOW THROUGH FILTERS



DEEP PLEAT

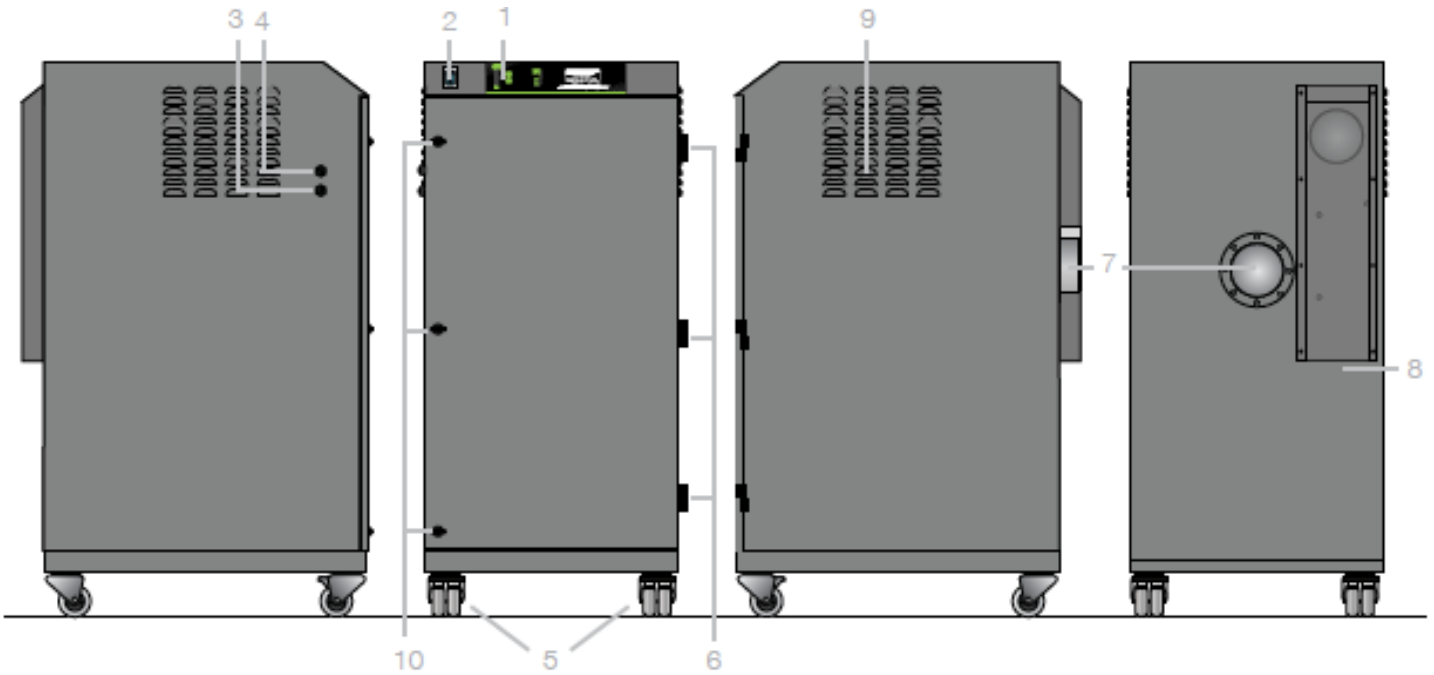


- Featuring optional DeepPleat filter technology
- Automatic Flow Control

FUME EXTRACTION DIVISION

TECHNICAL SPECIFICATION

- | | |
|---|----------------------------------|
| 1. Unit / Filter Condition Display - Automatic Flow Control | 6. Door Hinge |
| 2. On / Off Switch | 7. Hose Inlet Connection - 125mm |
| 3. Signal / Interface Cable | 8. Exhaust Outlet |
| 4. Power Cable | 9. Motor Cooling Inlet |
| 5. Castors | 10. Door Latch |



PART NUMBERS

MODEL	VOLTAGE	PART NO.	24V STOP / START SYSTEM FAILURE SIGNAL	FILTER CHANGE	VOC MONITORING
AD 1000 Stainless Steel	230V 115V	L0752A L0751A	A2001	A2002	A2003
AD 1000 Powder Coated	230V 115V	L0752A L0751A	A2001	A2002	A2003

REPLACEMENT FILTERS

MODEL	PRE FILTER	OPTIONAL DEEPPLEAT	HEPA FILTER	DISPOSABLE GAS FILTER 25KG
AD 1000	A1030058	A1030222	A1030059	A1030061

FUME EXTRACTION DIVISION

TECHNICAL DATA

	230V	115V
Dimensions (HxWxD)	1220 x 600 x 770mm	48 x 23.6 x 30.3"
Cabinet Construction	Brushed stainless steel /Powder coated mild steel	Brushed stainless steel /Powder coated mild steel
Airflow / Pressure	950m ³ /hr / 100mbar	559cfm / 100mbar
Electrical Data	230v 1ph 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 60/50Hz Full load current: 25 amps / 2.2kw
Noise Level	< 63dBA*	< 63dBA*
Weight	155kgs	342lbs

PRE FILTER SPECIFICATIONS

Dimensions (HxWxD)	2.5m ² approx
Filter Media	Glass Fibre
Filter Media Construction	8 Pocket Bag Filter
Filter Efficiency	F8 (95% @ 0.9 microns)

GAS/HEPA FILTER SPECIFICATIONS

Dimensions (HxWxD)	7.5m ² approx
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Efficiency	H13 (99.997% @ 0.3 microns)
Treated Activated Carbon	25kgs
Filter Housing	Zintec Mild Steel

OPTIONAL DEEPPLEAT PRE FILTER SPECIFICATIONS

Surface Media Area	30m ² 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)