

ADVANTAGE EASI-GLIDE ★ LASER FUME EXTRACTION SYSTEMS

For the Laser Marking, Coding and Engraving Industries.

BOFA's mid to high end range of laser extraction systems combine extremely large filter capacity with high airflows and pressure. This combination makes them ideal for heavy duty applications that generate large amounts of particulate and gaseous organic compounds. Each system benefits from Automatic Closed Loop Flow Control. This feature 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 patent pending Easi-Glide filter location mechanism makes filter change easy, quick and safe. A truly state of the art laser fume purification solution.

- Blower with high airflow and pressure
- Filters with long life and low replacement cost
- Easi-Glide filter location mechanism
- Automatic closed loop flow control system
- Optional VOC gas sensors
- Technically advanced stop/start interfaces to laser



PART NUMBERS

Model - Stainless Steel (SS) or Powder Coated (PC) options	24V Stop / Start	Filter change / System failure signal	VOC Monitoring	PVC Upgrade	Hose Kit*		
AD500-SS	230v	L0652A	A2001	A2002	A2003	A2004	A1020069 125-125mm
	115v	L0651A					
AD500-PC	230v	L0642A	A2001	A2002	A2003	A2004	A1020069 125-125mm
	115v	L0641A					
AD1000-SS	230v	L0752A	A2001	A2002	A2003	A2004	A1020069 125-125mm
	115v	L0751A					
AD1000-PC	230v	L0742A	A2001	A2002	A2003	A2004	A1020069 125-125mm
	115v	L0741A					
AD1500-SS	230v	L0852A	A2001	A2002	A2003	A2004	A1020069 125-125mm
AD1500-PC	230v	L0842A	A2001	A2002	A2003	A2004	A1020069 125-125mm

* Other Hose Kits are available. All of the above units are fitted with our standard filter combinations. For specific applications please call us for details.

REPLACEMENT FILTERS AND ACCESSORIES*

Model	Pre Filter	Combined HEPA / Gas Filter	Disposable Gas Filter 25kg	Refillable Gas Filter Tray	25Kg Refill Bag of Carbon	PVC HEPA Filter	PVC Gas Filter
AD500	A1030058	A1030059	A1030061	A1030063	A1030064	A1030060	A1030062
AD1000	A1030058	A1030059	A1030061	A1030063	A1030064	A1030060	A1030062
AD1500	A1030058	A1030059	A1030061	A1030063	A1030064	A1030060	A1030062

* Other Filters are available. Please call us for details.

TECHNICAL DATA

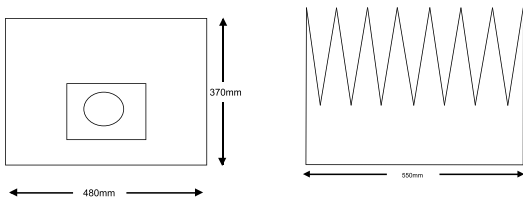
Model	AD500		AD1000		AD1500
	EC	US	EC	US	EC
Dimensions (h x w x d)	1220 x 600 x 770mm	48 x 23.6 x 30.3"	1220 x 600 x 770mm	48 x 23.6 x 30.3"	1220 x 600 x 770mm
Cabinet Construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Blower	1.1kw 500m³/hr	1.1kw 294cfm	2.2kw 1000m³/hr	2.2kw 588cfm	3.3kw 1500m³/hr
Electronics	230v 1ph 50/60Hz Full load current: 7.2 amps	115v 50/60Hz Full load current: 14.4 amps	230v 1ph 50/60Hz Full load current: 14.4 amps	115v 60/50Hz Full load current: 28.8 amps	230v 1ph 50/60Hz Full load current: 21.6 amps
Noise Level	60dBA	60dBA	63dBA	63dBA	68dBA

FILTER SPECIFICATIONS

PRE FILTER

Filter Media	Glass Fibre
Surface Media Area	2.5m² approx
Filter Media Construction	8 Pocket Bag Filter
Filter Efficiency	F6 (75% @ 0.8 microns)

PRE FILTER



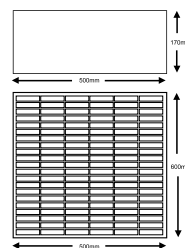
* Other Filters are available. Please call us for details.

FILTER SPECIFICATIONS

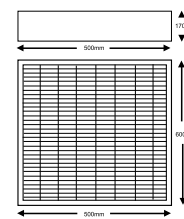
GAS AND HEPA FILTER

HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Fold Construction with Webbing Spacers
Gasket	Neoprene with Adhesive Backing
Filter Efficiency	H13 (99.997% @ 0.3 microns)
Activated Carbon	25 Kgs approx
Filter Housing	Zintec Mild Steel

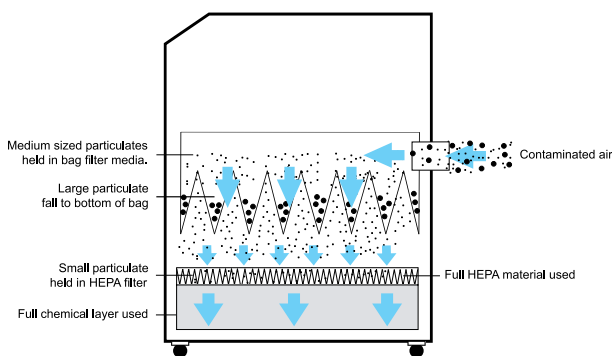
GAS FILTER



HEPA FILTER

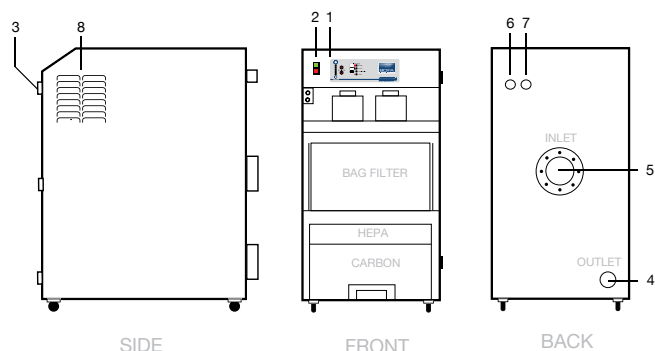


AIRFLOW THROUGH FILTERS



TECHNICAL SPECIFICATION

- 1 Unit/Filter Condition Display - Automatic Closed Loop Flow Control
- 2 On/Off Switch
- 3 Filter Housing Cam Latch
- 4 Extracted Air Outlet
- 5 Hose Inlet Connection 100 / 125mm
- 6 Signal/Interface Cable to Laser
- 7 Power Cable
- 8 Motor Cooling In/Out



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