



THE WORLD LEADER IN  
FUME EXTRACTION TECHNOLOGY

## AD 4000


Advantage

BOFA's AD4000 laser fume extraction unit combines large filter capacity with high airflows. This combination makes the AD4000 ideal for large laser engravers, laser cutters as well as multiple laser coding installations.

Easily accessible filters are accommodated by the uniquely styled gas spring assisted 'Gull Winged' doors, which allow for maximum space and ease when changing filters.

Unit interfaces such as stop/start and system failure are available as options.

### STANDARD FEATURES:

- Blower with high airflow
-  DeepPleat pre filter
- Long life filters with low replacement costs
- Filter condition display
- Built in silencing
- Unique gas spring assisted 'Gull Winged' doors for filter access
- Automatic flow control system

### OPTIONAL FEATURES:

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

High airflow laser fume extraction system for the laser marking, coding and engraving industries.



Featuring DeepPleat filter technology



Featuring Advanced Carbon Filter technology



Automatic Flow Control

### TYPICAL APPLICATIONS:

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



PART NUMBERS				
Model	Part No.	24V Stop / Start	Filter change / System failure signal	VOC Monitoring
AD 4000 Powder Coated	L2643A	A2001	A2002	A2003

REPLACEMENT FILTERS			
Model	DeepPleat Pre Filter	HEPA Filter	Gas Filter
AD 4000	A1030187	A1030184	A1030188

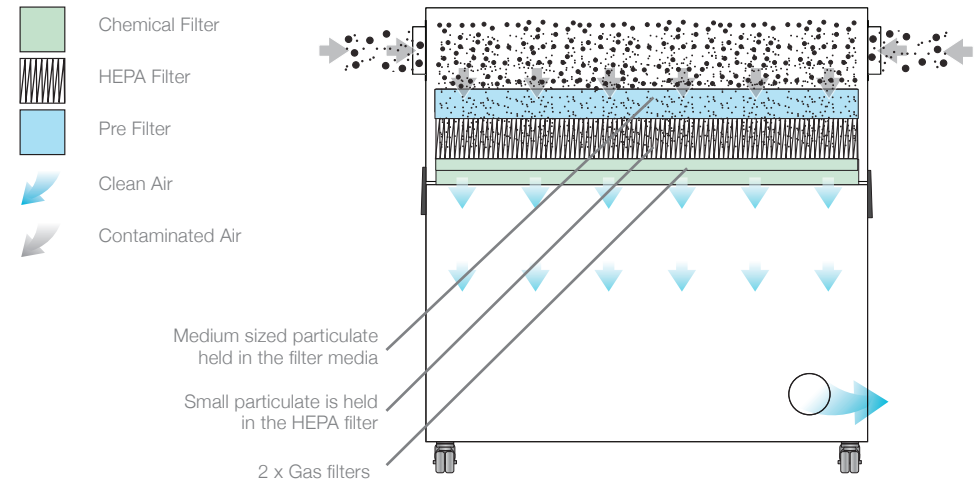
TECHNICAL DATA		
	207V - 400V	238V - 505V
Dimensions (HxWxD)	1475 x 1450 x 1500mm	58 x 57 x 59"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Airflow / Pressure	4000m³/hr / 30mbar	2354cfm / 30mbar
Electrical Data	207V - 253V Δ / 3Ph / 50Hz / 4kw / 13.5A 360V - 440V Y / 3Ph / 50Hz / 4kw / 7.8A	238V - 290V Δ / 3Ph / 60Hz / 4.0kw / 7.0A 415V - 505V Y / 3Ph / 60Hz / 4.0kw / 12.1A
Noise Level	< 65dBA*	< 65dBA*
Weight	460kgs	1014lbs

\* At typical operating speed.

DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	36m² approx
Filter Media	Glass Fibre
Filter Media Construction	Folded Pleat
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

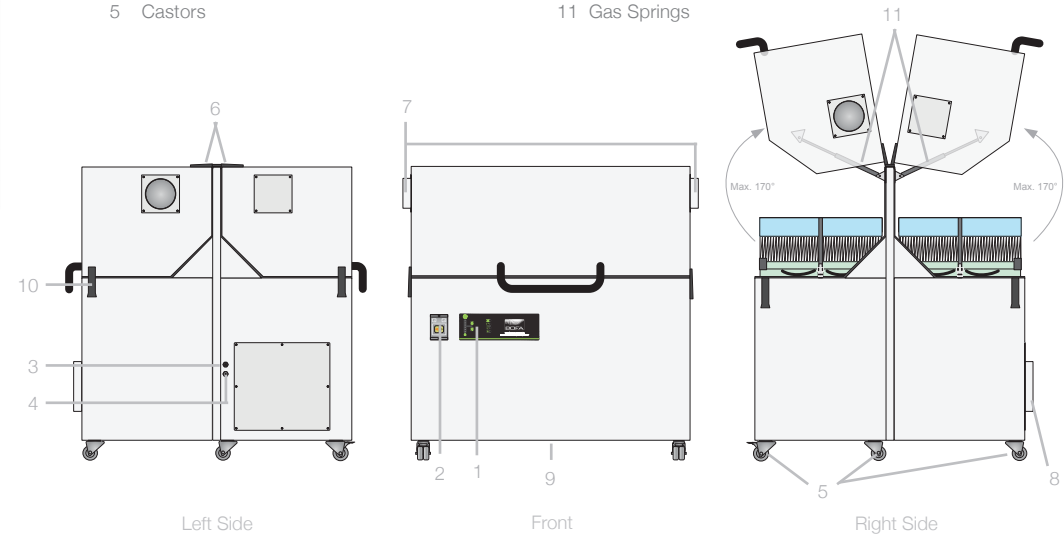
GAS/HEPA FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	140kgs
Filter Efficiency	99.997% @ 0.3 microns

## AIRFLOW THROUGH FILTERS



## TECHNICAL SPECIFICATION

- Unit / Filter Condition Display - Automatic Flow Control
- On / Off Switch
- Signal / Interface Cable
- Power Cable
- Castors
- Door Hinge
- Hose Inlet Connection - 150mm
- Exhaust Outlet - 250mm
- Motor Cooling Inlet
- Door Latch
- Gas Springs



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.

Date:8/3/13 V:2



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