

## AD BASE 1 ORACLE LASER FUME EXTRACTOR



### DESCRIPTION

The AD Base 1 Oracle is a “two in one” solution that runs on any voltage worldwide and doubles up as a work station by placing the laser engraver on top.

Bofa’s “easi-seal” filter location makes filter change easy quick and safe. The revolutionary Auto-Voltage Sensing Turbine automatically self adjusts to run on any voltage worldwide, while the Reverse Flow filter technology enhances filter performance and ensures longer filter life.

Automatic Flow Control allows the user to preset correct flow rates, giving lower noise levels and further protection of both the combined filter and the DeepPleat DUO pre filter.

### PART CODE/ORDERING TABLE

AD Base 1 Oracle - Powder Coated	L5144
AD Base 1 Oracle - Powder Coated, with compressor	L5142

### REPLACEMENT FILTER

DeepPleat DUO Pre Filter	A1030156
Combined Filter	A1030155

### TECHNICAL SPECIFICATION

Dimensions (LxWxH)	740 x 735 x 790 mm
Cabinet Construction	Powder Coated Mild Steel
Airflow / Pressure	380 m³/h / 96 mbar
Electrical Data	90 - 257 V Single phase 50/60 Hz Full load current: 12.5 amps / 1.1 kW
Noise Level	< 64 dB(A)
Weight	86 kg
Approvals	UKCA and CE

### DEEPPLEAT DUO PRE FILTER SPECIFICATIONS

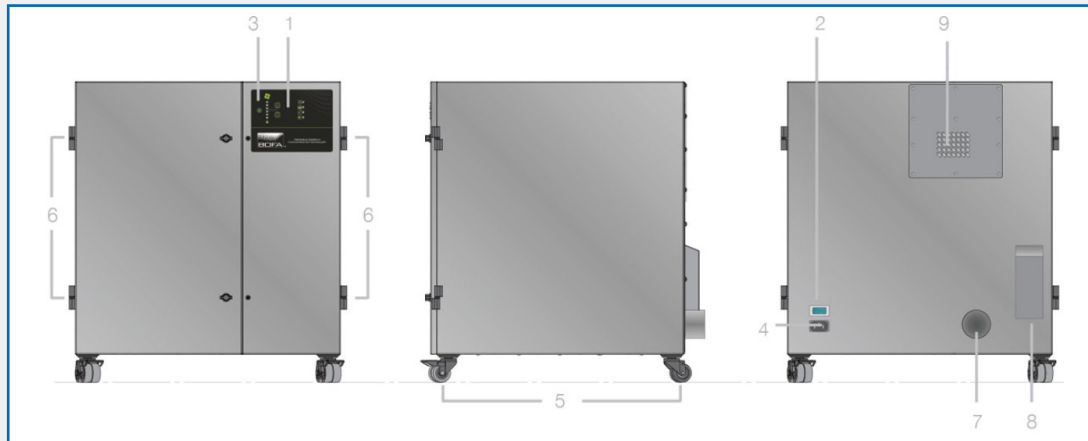
Surface Media Area	12 m²
Filter Media	Borosilicate
Filter Media Construction	Pleated with glue bead spacers
Filter Housing	Zintec Mild Steel
Filter Efficiency	95 % @ 0.9 microns
Inlet Size	75 mm
Dropout Chamber Size	16.2 litres
Filter Media Pleat Size	200 mm

### COMBINED FILTER SPECIFICATIONS

HEPA Filter Media	Borosilicate
HEPA Media Construction	Maxi pleat with glue bead spacers
Filter Housing	Zintec Mild Steel
Treated Activated Carbon	15 kg
Filter Efficiency	99.997 % @ 0.3 microns

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## AD BASE 1 ORACLE LASER FUME EXTRACTOR



1. Unit/filter condition display
2. On/off switch
3. Standby button

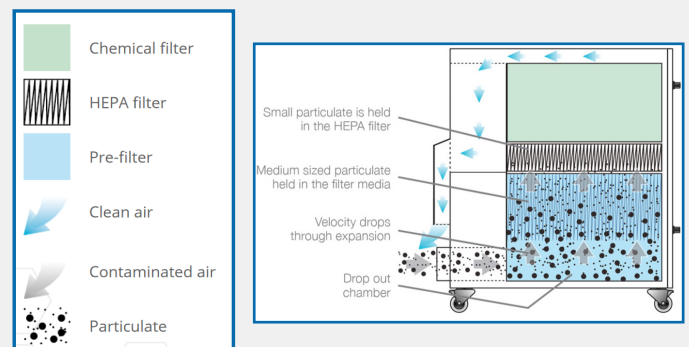
4. Power cable inlet
5. Castors
6. Door hinge

7. Hose inlet connection - 75 mm
8. Exhaust outlet
9. Motor cooling inlet

### FEATURES

- Auto sensing voltage (90-257 V) for global use
- Automatic flow control
- DeepPleat DUO pre-filter
- Advanced carbon filter technology
- HEPA and Gas combined filter
- Reverse flow
- "Easi-seal" filter location
- Small footprint
- Low noise level
- VOC Gas Sensor (Optional)
- On-board compressor (Optional)
- Filter change / system fail signal (Optional)
- Remote stop / start interface (Optional)

### AD BASE 1 ORACLE FILTRATION PROCESS



### FILTER MAINTENANCE

Bofa recommends:

- Filters are changed every 12 months, or sooner should the extraction unit begin to warn you.
- Only use official BOFA filters as they are made to the highest standards.
- If you can smell the process is not being collected in the filter, then the carbon could be saturated. If this happens, you must replace the combined filter.
- If the extractor filter light illuminates, first change the pre filter. If it is still illuminated, then change the combined filter. BOFA units with the iQ technology will give you independent filter monitoring to report on the status of both pre filter and combined (main) filter.



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