BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

AD Base 1 Oracle

LASER

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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.

The Advantage Base 1 Oracle has been designed so that a number of manufacturers' laser engravers can sit on top of the extractor, effectively doubling it up as a work station. All the Base units in the range have the option of an onboard compressor for a compact installation. 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 patented DeepPleat DUO pre filter.

Technology

- DeepPleat DUO pre-filter
- HEPA filter
- Automatic flow control (AFC) technology
- Reverse flow air (RFA) technology
- Advanced carbon filter (ACF) technology
- Multi voltage sensing (MVS) unit
- Patented technology
- ProTECT service plan
- SureCHECK quality standard

Key features of the AD Base Oracle 1

Auto sensing voltage (90v - 257v) for global use
Standard

Automatic flow control
Standard

DeepPleat DUO pre-filter
Standard

Advanced carbon filter technology
Standard

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https://bofainternational.com/en/portal/datasheets/ad-base-1-oracle/

HEPA and Gas combined filter
Standard

'Easi-seal' filter location
Standard

Low noise level
Standard

On-board compressor
Optional

Filter change / System fail signal
Optional

Reverse flow
Standard

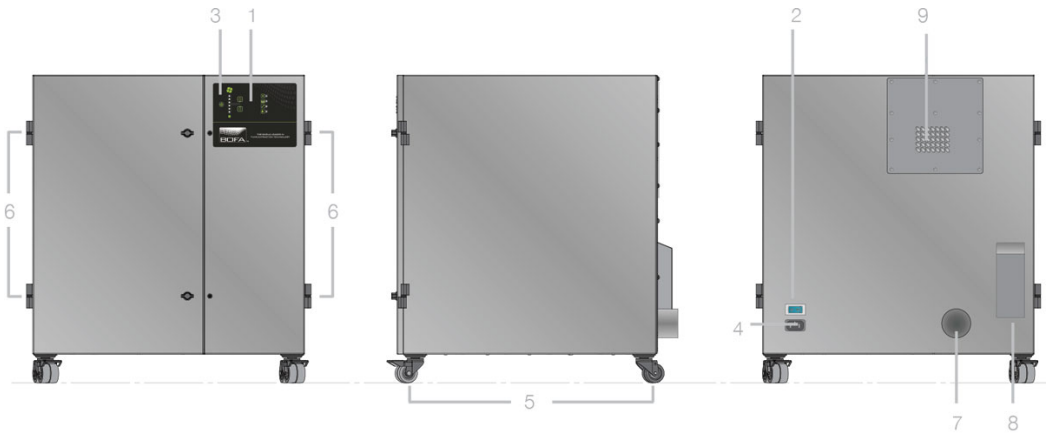
Small footprint
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

Remote stop / start interface
Optional

Technical specification

1. Unit / Filter condition display - Automatic flow control
2. On / off switch
3. Standby button
4. Power cable inlet
5. Castors
6. Door hinge
7. Hose inlet connection - 75mm
8. Exhaust outlet
9. Motor cooling inlet



Airflow through filters

Chemical filter

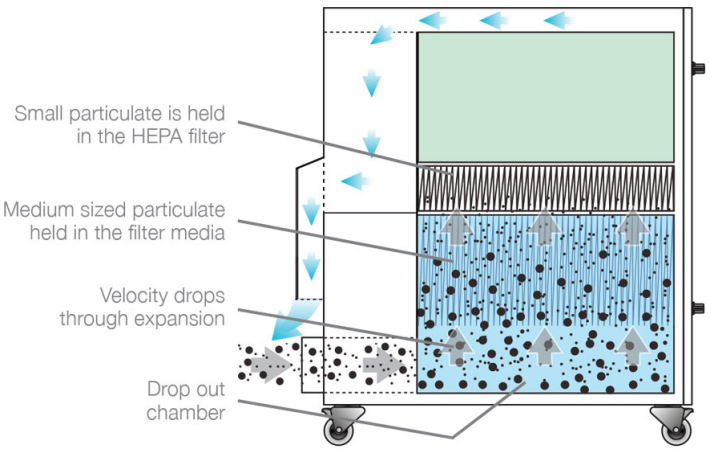
HEPA filter

Pre-filter

Clean air

Contaminated air

Particulate



Technical data

	90-257V
Dimensions (HxWxD)	790 x 735 x 740mm (31.10 x 28.94 x 29.13”)
Cabinet construction	Powder coated mild steel
Airflow / Pressure	380m³/hr / 96mbar (223cfm / 96mbar)
Electrical data	90v - 257v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw
Noise level	< 64dBA (at typical operating speed)
Weight	86kg (189lbs)
Approvals	CE

DeepPleat DUO pre-filter specifications

Surface media area	12m² approx (129.12 ft²)
Filter media	Borosilicate
Filter media construction	Pleated with glue bead spacers
Filter housing	Zintec mild steel
Filter efficiency	95% @ 0.9 microns
Inlet size	75mm (0.24ft)
Dropout chamber size	16.2 litres
Filter media pleat size	200mm (0.65 ft)

Combined filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	15kgs (33 lbs)
Filter efficiency	99.997% @ 0.3 microns

Part numbers

Model	Voltage	Part no.	24V stop / start	Filter change / System failure signal	VOC monitoring
AD Base 1 Oracle powder coated	90V - 257V	L5144	A2001	A2002	A2003
AD Base 1 Oracle with compressor, powder coated	230V	L5142	A2001	A2002	A2003

Replacement filters

Model	DeepPleat DUO pre-filter	Combined filter
AD Base 1 Oracle	A1030156	A1030155

Other languages

AD Base 1 Oracle
Japanese

AD Base 1 Oracle
French

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOC's, however it is the responsibility of the user to ensure the carbon is suitable for their application. For specific applications, please contact us for details.

Think before you print! Please consider the environment before printing this document.