



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# AD Base 2 Oracle

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The laser companion Advantage extraction system for the laser engraving industries.

The Advantage Base 2 Oracle has been designed so that a number of laser engravers can sit on top of the extractor, effectively doubling it up as a workstation.

All the Base units in the range have the option of an onboard compressor for a compact installation. BOFA's 'easi-glide' filter location mechanism makes filter changes easy, quick and safe.

## 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 2 Oracle

Auto sensing voltage (100-230v) for global use  
Standard

DeepPleat DUO pre-filter  
Standard

HEPA and gas combined filter  
Standard

'Easi-seal' filter location  
Standard

VOC gas sensor (Volatile Organic Compound)  
Optional

Remote stop / start interface  
Optional

Automatic flow control  
Standard

Advanced carbon filter technology  
Standard

Reverse flow air technology  
Standard

Low noise level  
Standard

On-board compressor  
Optional

Filter change / system fail signal  
Optional

Contact BOFA at [www.donaldsonbofa.com/contact/](http://www.donaldsonbofa.com/contact/)

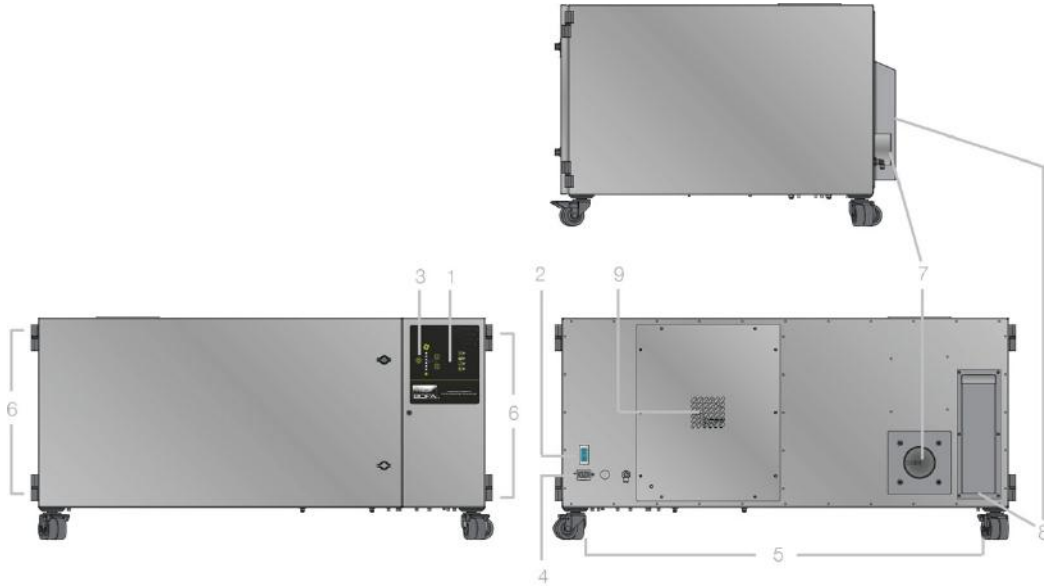
[www.donaldsonbofa.com/fume-extraction-systems/ad-base-2-oracle/](http://www.donaldsonbofa.com/fume-extraction-systems/ad-base-2-oracle/)









Approvals: REACH and RoHS. See individual product technical data for specific accreditations

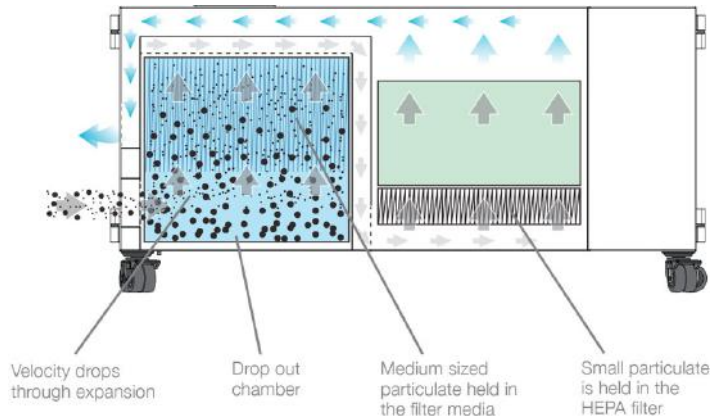
## Technical specification

- 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

|                      | EU  |
|----------------------|---|
| Dimensions (HxWxD)   | 550mm x 1060mm x 810mm (21.65 x 41.74 x 31.89")                       |
| Cabinet construction | Powder coated mild steel  |
| Airflow / pressure   | 380m <sup>3</sup> /hr / 96mbar (223cfm / 96mbar)                      |
| Electrical data      | 100-230v Single-phase 1~ 50/60Hz Full load current: 12.5 amps / 1.1kw |
|                      | 230v Single-phase 1~ 50/60Hz Full load current: 10 amps               |
|                      | 115v Single-phase 1~ 50/60Hz Full load current: 12 amps               |
| Noise level          | < 63dBA (at typical operating speed)                                  |

## Technical data

|           |               |
|-----------|---------------|
| Weight    | 94kg (207lbs) |
| Approvals | UKCA and CE   |

## DeepPleat DUO pre-filter specifications

|                           |  |
|---------------------------|--|
| Surface media area        | 12m <sup>2</sup> approx (129.12 <sup>2</sup> ft) |
| 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 (0.24 ft)                                   |
| Dropout chamber size      | 16.2 litres                                      |
| Filter media pleat size   | 200mm (0.65ft)                                   |

## 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 | Compressor |
|--------------------------------|------------|----------|------------------|---------------------------------------|----------------|------------|
| AD Base 2 Oracle powder coated | 90V - 257V | L4944    | A2001            | A2002                                 | A2003          | A2007      |

## Replacement filters

| Model            | DeepPleat DUO pre-filter | Combined filter |
|------------------|--------------------------|-----------------|
| AD Base 2 Oracle | A1030156                 | A1030155        |

*Datasheet correct at time of publishing.*

*Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOCs, 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.*

**Important Notice:** Many factors beyond the control of BOFA can affect the use and performance of BOFA products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.

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

