Donaldson BOFA™

AD Base 2 Oracle
Fume Extraction System - Advantage Range

Datasheet
Technical Specification and Product Information

A ride-on fume extraction system for laser engraving.

The AD Base 2 Oracle is a ride-on fume extraction system for laser engraving that offers high performance in a convenient ride-on format. Its larger platform, compared to the AD Base 1 Oracle, makes it ideal for larger laser beds, allowing the laser extractor to double as a workstation.
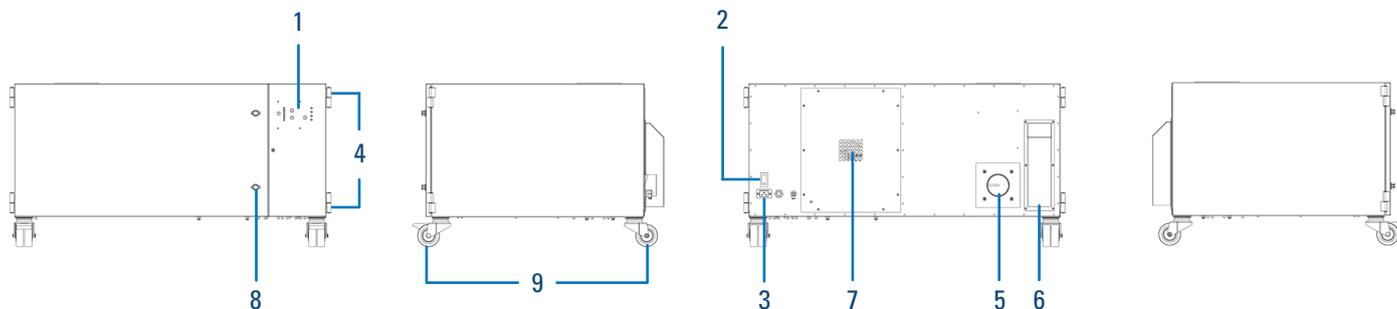
FEATURES

- Low noise level
- Ride-on system
- Large platform
- Blower with high airflow and pressure

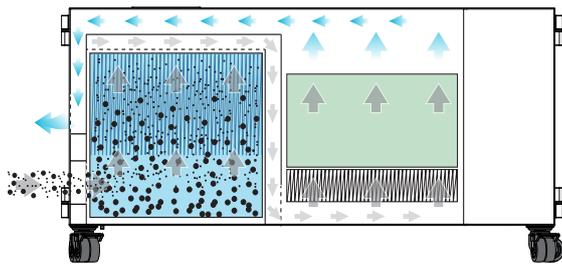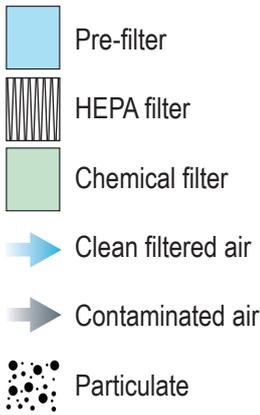Approvals: UKCA and CE

TECHNICAL SPECIFICATION

1. Control panel
2. On/off switch
3. Power cable
4. Door hinges
5. Hose inlet connection - 2.9" (75mm)

6. Exhaust outlet
7. Blower cooling inlet
8. Door latches
9. Castors

TECHNICAL DATA

Voltage	Airflow		Pressure (+/- 10%)	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level*	Frequency	Full load current
V	cfm	m³/hr	mbar	in	mm	lbs	kg	dB(A)	Hz	amps
115-230	223	380	96	21.7 x 41.7 x 31.9	550 x 1060 x 810	207	94	< 63	50/60	12.5
115									50	12

AIRFLOW

- ▢ Pre-filter
- ▦ HEPA filter
- ▢ Chemical filter
- → Clean filtered air
- → Contaminated air
- ⣿ Particulate

FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft²	m²	
DeepPleat DUO pre-filter	129.1	12	F8 50% @ 0.3 microns
Combined filter (HEPA)	32.3	3	99.995% @ 0.3 microns

Model	Activated carbon volume
	ltr
Combined filter (gas)	18.8

PART NUMBERS - FILTERS

DeepPleat DUO pre-filter	Combined filter
1UA1030156	1UA1030155

PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 115-230 V No options	1U30811014-1453
Powder-coated, 115 V No options	1U30810514-1453

CUSTOMIZATIONS

Options

Power cables
Remote stop/start signal (S/S)
System OK signal (SOK)
Override (O/R)
VOC sensor
Onboard compressor (COMP)

Cabinet construction

Powder-coated mild steel (RAL7016)

Power cables

Type B
Type E
Type G

* Noise level: At typical operating speed.

bsi. ISO 9001 Quality Management
FS 643451
ISO 9001

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

Donaldson BOFA

UK & ROW
Tel. +44 (0) 1202 699 444
Email. bofasales@donaldson.com
Web. donaldsonbofa.com

Germany
Email. bofavertrieb@donaldson.com

USA
Tel. +1 (618) 205 5007
Email. bofasalesus@donaldson.com