



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

## AD Access

Last Updated on 29.08.2018



A compact and competitively priced fume extraction system for light duty laser marking, coding and engraving applications.

The introduction of low cost laser systems has led to the development of an entry level fume extraction solution in order to maintain safe operator working conditions and product quality.

The AD Access combines economic ownership with performance to match the small laser user. A three stage filter condition indicator is included as a standard feature, together with three stage filtration: DeepPleat pre-filter, HEPA and chemical section.

### Technology



DeepPleat pre-  
filter



HEPA filter



Advanced carbon  
filter (ACF)  
technology



ProTECT service  
plan



SureCHECK  
quality standard

### Key features of the AD Access

#### Filter condition indicator

Standard

#### Advanced carbon filter technology (ACF)

Standard

#### Low noise levels

Standard

#### VOC gas sensor (Volatile Organic Compound)

Optional

#### Filter change / System fail signal

Optional

#### DeepPleat pre-filter

Standard

#### Long life, low cost replacement filters

Standard

#### Small footprint

Standard

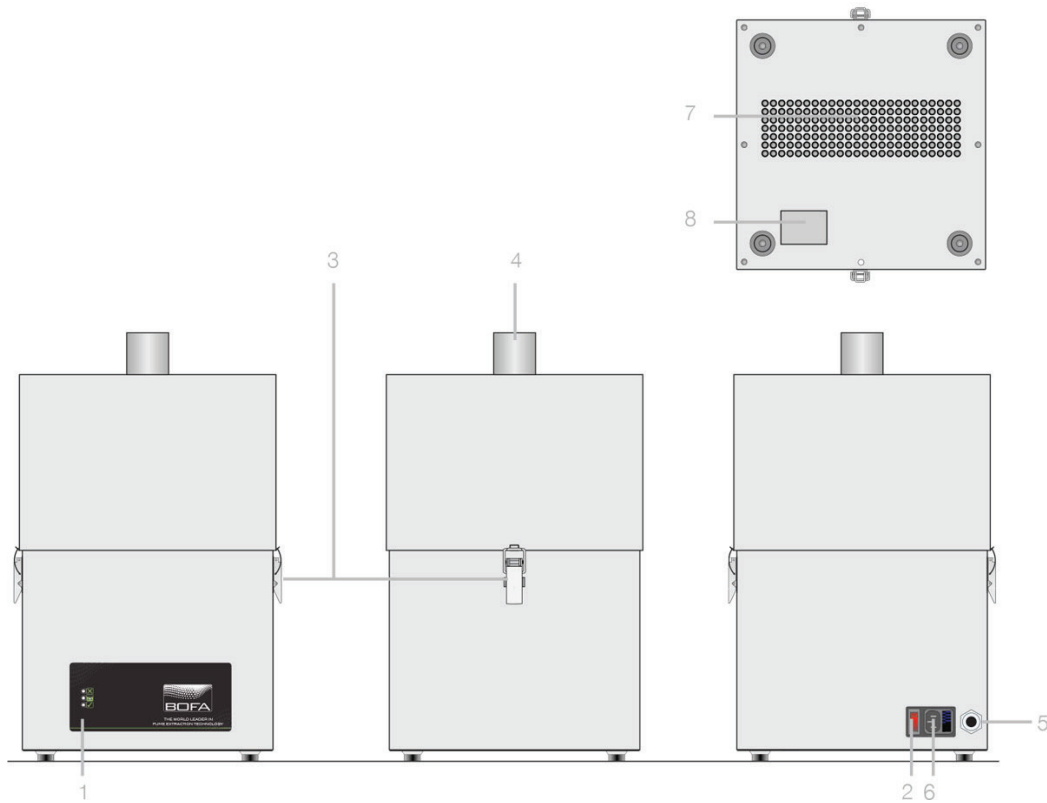
#### Remote stop / start interface

Optional

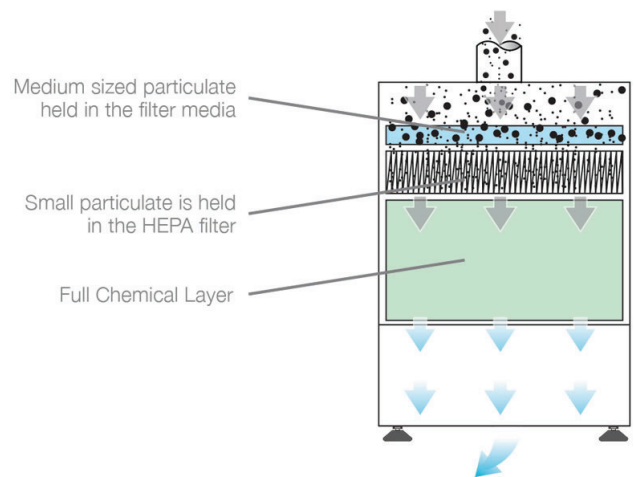
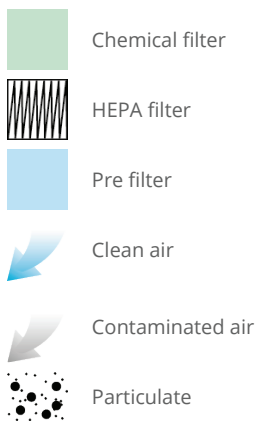


## Technical specification

- |                                    |                      |                             |                                 |
|------------------------------------|----------------------|-----------------------------|---------------------------------|
| 1. Unit / filter condition display | 2. On / off switch   | 3. Filter compartment latch | 4. Hose inlet connection - 50mm |
| 5. Signal / interface cable        | 6. Power cable inlet | 7. Motor cooling inlet      | 8. Exhaust outlet               |



## Airflow through filters



Technical data		
	EU	US
Dimensions (HxWxD)	505 x 335 x 315mm	19.88 x 13.19 x 12.40"
Cabinet construction	Brushed stainless steel / Powder coated mild steel	Brushed stainless steel / Powder coated mild steel
Airflow / Pressure	180m <sup>3</sup> /hr / 30mbar	106cfm / 30mbar
Electrical data	230v 1 ph 50/60Hz Full load current: 0.9 amps / 135 watts	115v 50/60Hz Full load current: 1.2 amps / 135 watts
Noise level	< 61dBA (at typical operating speed)	< 56dBA (at typical operating speed)
Weight	24kg	52.8lbs
Approvals	CE	cUL, UL*

DeepPleat pre-filter specifications	
Surface media area	1.74m <sup>2</sup> approx (18.7 ft <sup>2</sup> )
Filter media	Borosilicate
Filter media construction	50mm maxi fold construction with glue bead spacers (0.16ft)
Filter efficiency	95% @ 0.9 microns

Combined filter specifications	
HEPA filter media	Borosilicate
HEPA media construction	Pleated with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	7kgs approx (15.4 lbs)
Filter efficiency	99.997% @ 0.3 microns

Part numbers						
Model	Voltage	Part no.	24V Stop / Start	Filter change / System failure signal	VOC monitoring	Hose kit
AD Access Powder coated	230V	L1842A	A2001	A2002	A2003	A1020007
AD Access Powder coated	115V	L1841A	A2001	A2002	A2003	A1020007

Replacement filters		
Model	DeepPleat pre-filter	Combined HEPA / Gas filter
AD Access	A1030153	A1030154



\* Certain product configurations may affect the UL certification. Please speak to your sales representative.

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## Other languages

AD Access  
[German](#)

AD Access  
[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.*



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