



A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



# AD Access

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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

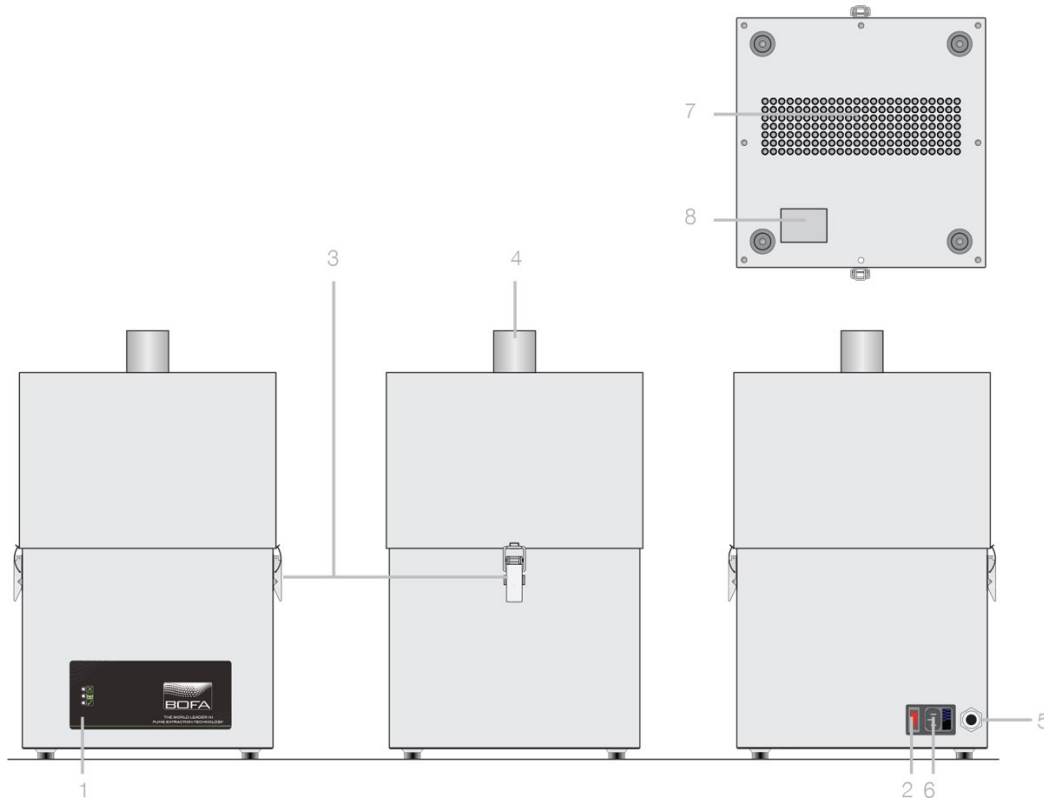
Contact BOFA at <https://bofainternational.com/en/contact/>  
<https://bofainternational.com/en/portal/datasheets/ad-access/>



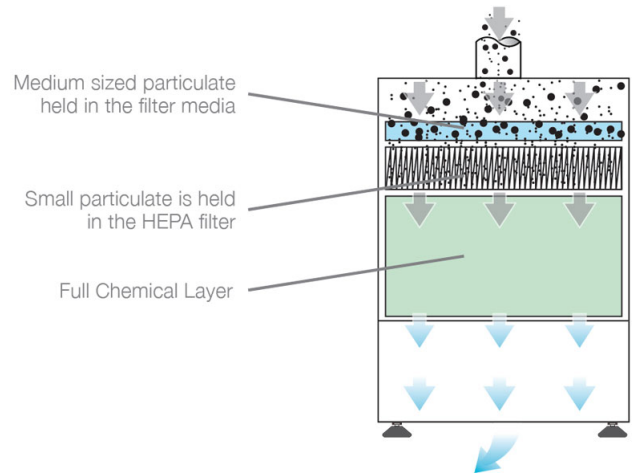
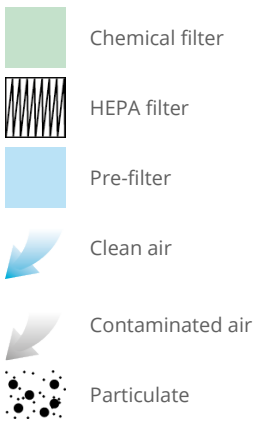
Approvals: REACH and RoHS. See individual product technical data for specific accreditations

## 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)	510 x 325 x 310 mm	20.08 x 12.79 x 12.20"
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 single-phase 1~ 50/60Hz full load current: 0.9 amps / 135 watts	115v 50/60Hz full load current: 1.2 amps / 135 watts

## Technical data

Noise level	< 61 dBA (at typical operating speed)	< 56dBA (at typical operating speed)
Weight	24kg	52.8lbs
Approvals	UKCA and 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

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

## 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 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.

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