



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

AD ACCESS FUME EXTRACTOR

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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 system in order to help maintain a clean working environment 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.



DeepPleat
pre-filter



HEPA
filter



Advanced
carbon
filter (ACF)
technology



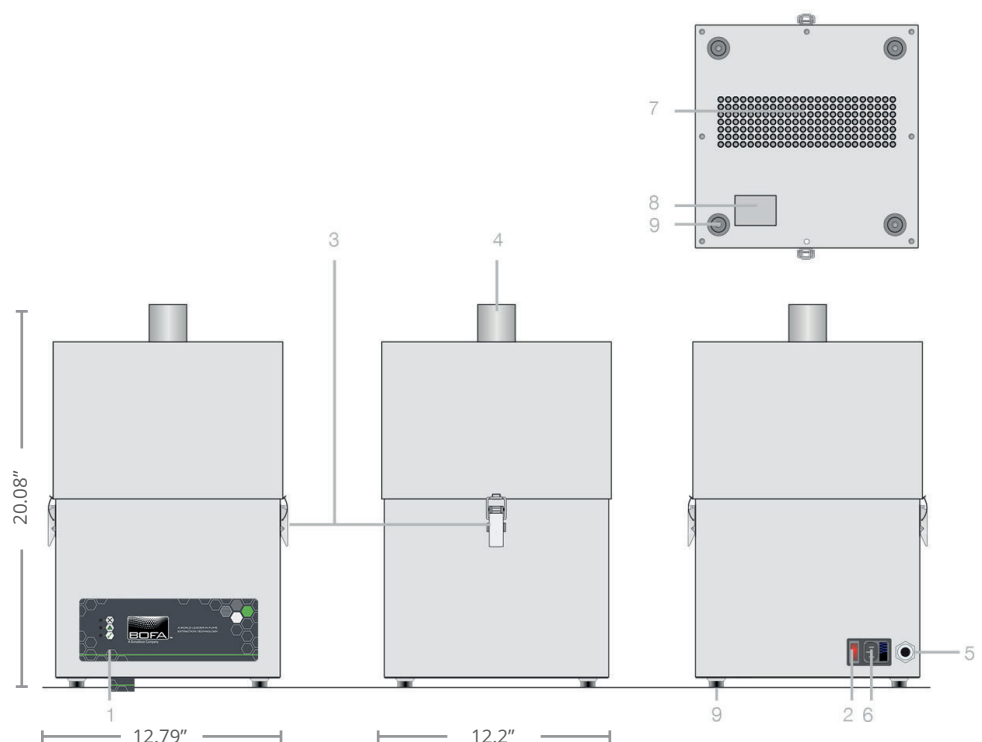
SureCHECK
quality
standard

Key features

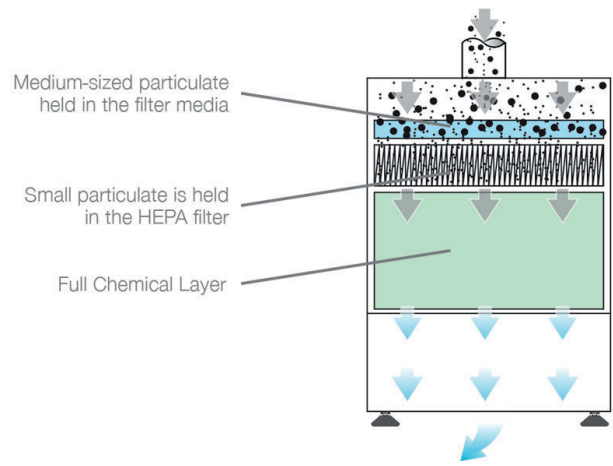
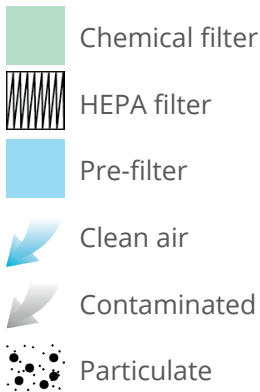
- Intelligent Operating System (iQ)
- Reverse flow filter technology
- Automatic flow control
- Auto-sensing voltage (100-230v) for global use
- DeepPleat DUO pre-filter
- Advanced carbon filter technology
- HEPA and gas combined filter
- 'Easi-seal' filter location
- Small footprint
- Low noise level
- Optional VOC (volatile organic compound) gas sensor
- Optional onboard compressor
- Optional remote stop/start interface
- Optional filter change/system fail signal

Technical specification

1. Unit/filter condition
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

Dimensions (HxWxD)	20.08 x 12.79 x 12.20"
Cabinet construction	Powder-coated mild steel
Airflow/pressure	106cfm/30mbar
Electrical data	115v 50/60Hz full load current: 1.2 amps/135 watts
Noise level	< 56 dBA (at typical operating speed)
Weight (standard extractor with filters)	52.8lbs (+/- 5%)
Approvals	UKCA, CE and cUL, UL*

Pre-filter specifications (DeepPleat)

Surface media area	Approx 18.7 ft ²
Filter media	Borosilicate
Filter media construction	50mm maxi fold construction with glue bead spacers (0.16ft)
Filter efficiency	95% @ 0.9 microns

Combined HEPA/gas filter specifications

HEPA filter media	Borosilicate
HEPA media construction	Pleated with glue bead spacers
Filter housing	Treated activated carbon
Treated activated carbon	15.4 lbs
Filter efficiency	99.995% @ 0.3 microns

Part numbers

Model	AD Access - Powder-coated
Part number enabled SS/FCS includes standard hose kit 1UA1020279	1U4660760512-2
Replacement filters	
Pre-filter	1UA1030153
Combined HEPA/gas filter	1UA1030154

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

Contact BOFA at donaldsonbofa.com/contact/

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.



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

