

# AD 350

Fume Extraction System - Advantage Range

## Datasheet

Technical Specification and Product Information

A compact system for light-duty laser applications.

The AD 350 is a compact extraction system designed to filter fumes and particulate created during light-duty applications. The system helps to protect equipment, maintain quality, and reduce the number of rejects and contaminants.

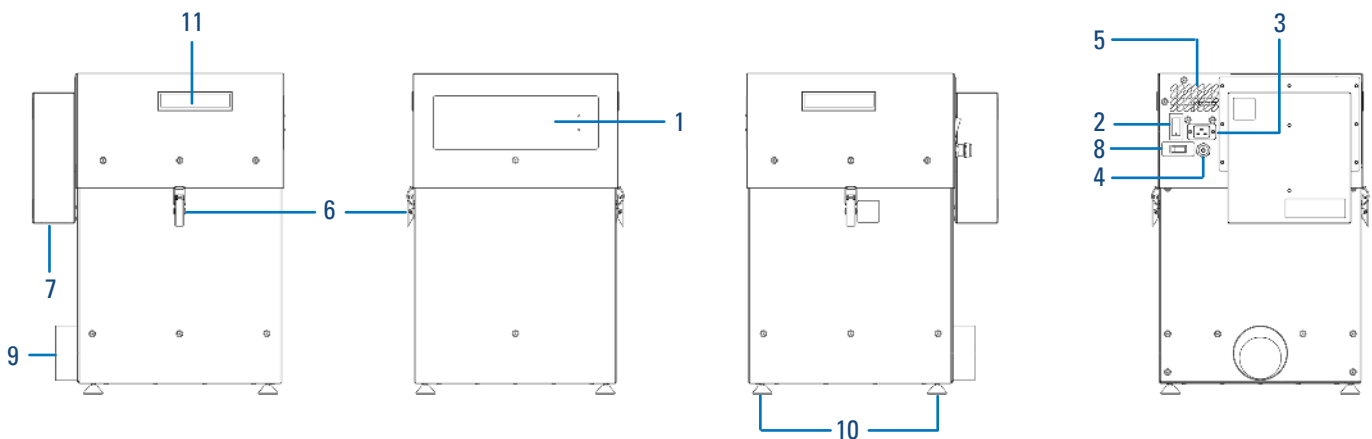
### FEATURES

- Low noise levels
- Small footprint
- Long-life, low-cost replacement filters

Approvals: UKCA and CE | cUL | UL\*



### TECHNICAL SPECIFICATION

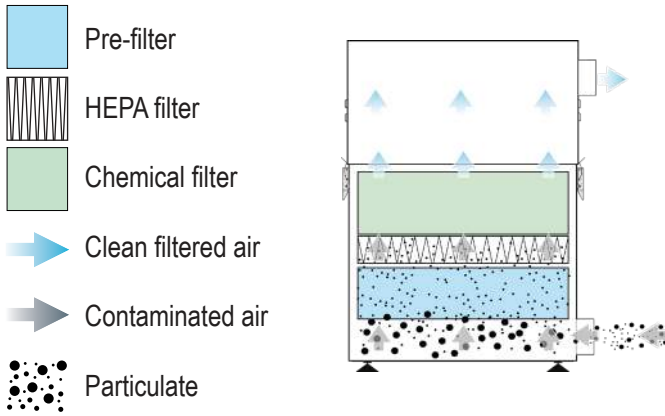


- |                           |  |
|---------------------------|--|
| 1. Control panel          | 7. Exhaust outlet                        |
| 2. On/off switch          | 8. Override switch                       |
| 3. Power cable inlet      | 9. Hose inlet connection - 3.9" (100 mm) |
| 4. Signal/interface cable | 10. Feet                                 |
| 5. Blower cooling inlet   | 11. Handles                              |
| 6. Clips                  |  |

### TECHNICAL DATA

Voltage	Airflow		Pressure	Dimensions (H x W x D)		Weight (+/- 5%)		Noise level**	Frequency	Full load current
	cfm	m <sup>3</sup> /hr		in	mm	lbs	kg			
115-230	206	350	96	23.2 x 14.8 x 18.3	590 x 375 x 465	77	35	< 62	50/60	12.5

## AIRFLOW



## PART NUMBERS - SYSTEM

Description	Part number
Powder-coated, 115-230 V No options	1U30761008-1238
Powder-coated, 115-230 V 24 V S/S, SOK and O/R	1U4680761008-1238
Powder-coated, 115-230 V 24 V S/S, SOK, O/R and VOC	1U12780761008-1241
Powder-coated, 115-230 V VOC	1U8130761008-1241
Powder-coated, 115-230 V 24 V S/S, SOK, O/R, USA plug	1U4660761008-1238

## FILTER SPECIFICATIONS

Model	Surface media area (approx)		Filter efficiency
	ft <sup>2</sup>	m <sup>2</sup>	
DeepPleat pre-filter	64.5	6	95% @ 0.9 microns
Combined filter (HEPA)	22.6	2.1	99.997% @ 0.3 microns

Model	Activated carbon volume	
	lbs	kg
Combined filter (gas)	16.5	7.5

## PART NUMBERS - FILTERS

DeepPleat pre-filter	Combined filter
1UA1030056	1UA1030055

## CUSTOMIZATIONS

### Options

Power cables  
 Remote stop/start signal (S/S)  
 System OK signal (SOK)  
 Override (O/R)  
 VOC sensor  
 NOx sensor  
 Exhaust box/exhaust spigot

### Cabinet construction

Powder-coated mild steel (RAL7016)

### Power cables

Type B  
 Type E  
 Type G

### Compatible accessories:

ILF 300  
 ILF 600  
 ILF 1000

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

\*\* Noise level: At typical operating speed.

Datasheet correct at time of publishing. Where applicable, the carbon used in Donaldson BOFA systems 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 Donaldson can affect the use and performance of Donaldson 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.



Approvals: REACH and RoHS. See individual 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

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