

## AD 350 CU

Fume Extraction System - Advantage Range

## Datasheet

Technical Specification and Product Information

### A filtered cooling unit for optimal laser performance.

The AD 350 CU is a filtered cooling unit designed for laser applications. It supplies filtered air to both the laser and the power supply module, helping to ensure optimal performance and reliability. It can also be used as a seal to increase the IP rating of the laser.

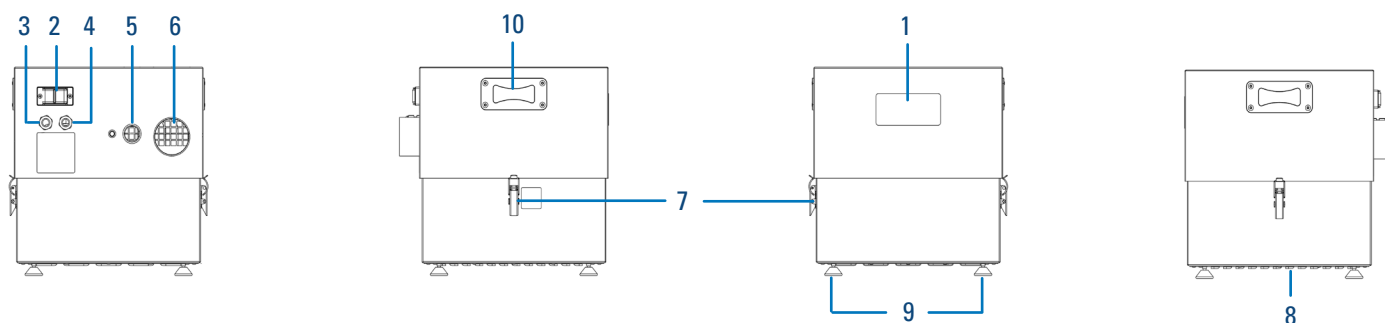
### FEATURES

- Low-cost replacement filters
- Low noise levels

Approvals: UKCA and CE | UL\*



### TECHNICAL SPECIFICATION

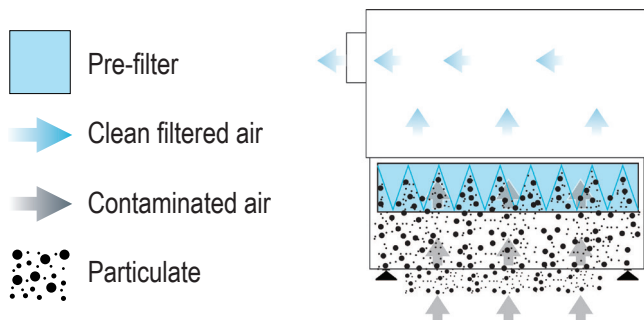


- |   |  |
|---|--|
| 1. Control panel                        | 6. Hose inlet connection - 2.9" (75mm) |
| 2. On/off switch                        | 7. Clips                               |
| 3. Power cable inlet                    | 8. Air inlet - unfiltered              |
| 4. Signal/interface cable               | 9. Feet                                |
| 5. Hose inlet connection - 1.3" (32 mm) | 10. Handles                            |

### TECHNICAL DATA

Voltage	Airflow		Dimensions (H x W x D)		Weight (+/- 5%)		Noise level**	Frequency	Full load current
V	cfm	m³/hr	in	mm	lbs	kg	dB(A)	Hz	amps
115	206	350	15.8 x 15.0 x 16.5	401 x 380 x 420	41	19	< 68	50/60	3.5
230									2.0

## AIRFLOW



## 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

## PART NUMBERS - FILTERS

DeepPleat pre-filter
1UA1030056

## PART NUMBERS - SYSTEM

Description	Part number
Stainless steel, 230 V 24 V S/S and SOK	1U605106509-1209

## CUSTOMIZATIONS

### Options

Power cables  
Remote stop/start signal (S/S)  
System OK signal (SOK)

### Cabinet construction

Brushed stainless steel

### Power cables

Type B  
Type E  
Type G

\*UL: Tested to UL 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.

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



**BARCELONA INSTRUMENTS  
ELECTRONICS, S.L.**

Roselló, 20 - 08029 BARCELONA  
Tel.: 93 280 29 89  
ventas@bielec.es

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.

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### 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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**DS-AD 350 CU-BOFA-US V1.2.**