BOFA™
A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

AD 350 CU

LASER

Last Updated on 01.02.2022

This filtered cooling air system ensures optimal laser performance and reliability.

BOFA's Advantage 350 cooling filtration system has been designed to supply cool, filtered air to both the laser and power supply module. This clean, cool air maintains optimal laser performance and reliability. It can also be used as a seal to increase the IP rating of the laser.

Technology

- DeepPleat pre-filter
- Reverse flow air (RFA) technology
- ProTECT service plan
- SureCHECK quality standard

Key features of the AD 350 CU

DeepPleat pre-filter
Standard

Low cost replacement filters
Standard

Stainless steel unit
Standard

Portable unit
Standard

Filter change signal
Optional

Reverse air flow technology
Standard

Low noise levels
Standard

Interfacing with laser including manual override switch
Standard

Remote stop / start interface
Optional

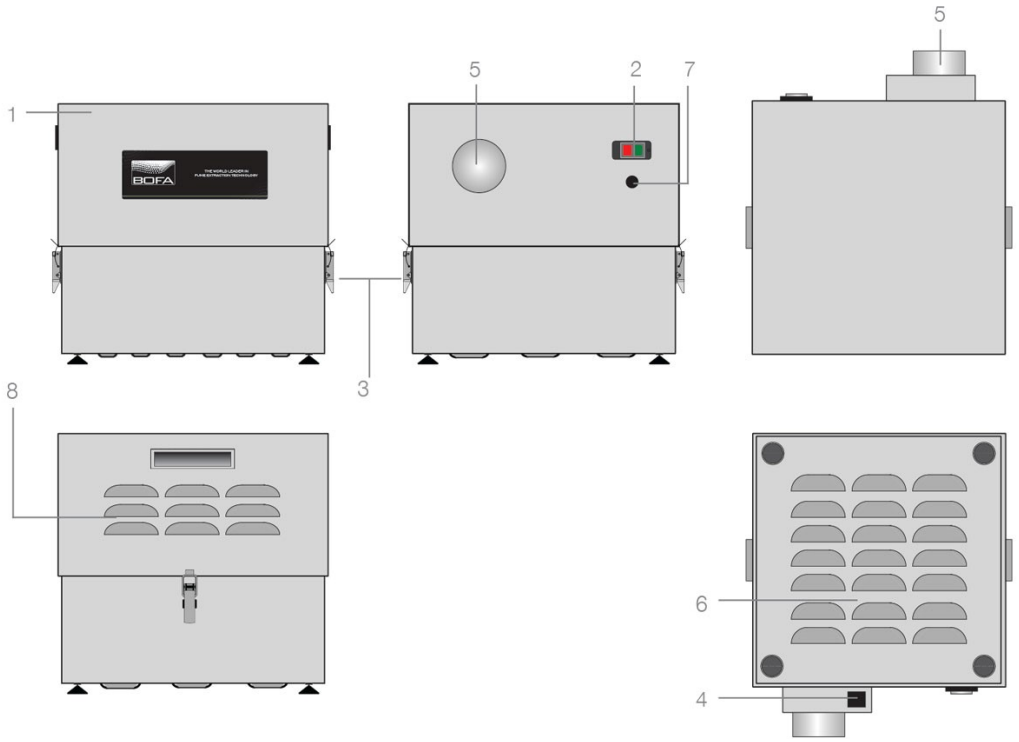
Contact BOFA at **https://bofainternational.com/en/contact/**

https://bofainternational.com/en/portal/datasheets/ad-350-cu/

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

Technical specification

1. Lid
2. On / off switch
3. Filter compartment latch
4. Motor cooling outlet
5. Hose outlet connection - 75mm
6. Air Inlet - unfiltered
7. Power cable inlet
8. Motor cooling inlet



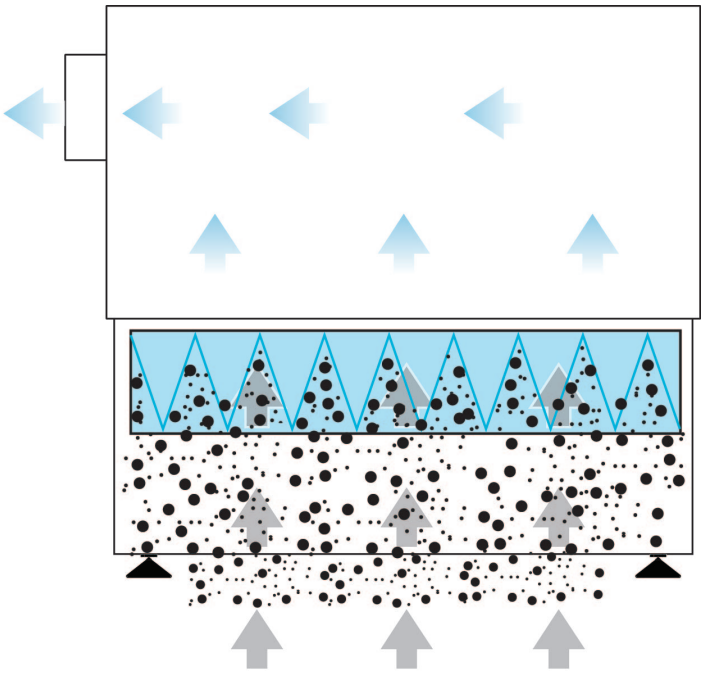
Airflow through filters

Pre-filter

Clean air

Contaminated air

Particulate



Technical data

	EU	US
Dimensions (HxWxD)	595 x 380 x 380 mm	15.55 x 14.96 x 14.96”
Cabinet construction	Brushed stainless steel	Brushed stainless steel
Airflow	350m³/hr	206cfm

Technical data

Electrical data	230v single-phase 1~ 50/60Hz full load current: 2.0 amps	115v single-phase 1~ 50/60Hz full load current: 3.5 amps
Noise level	< 68dBA (at typical operating speed)	< 68dBA (at typical operating speed)
Weight	18.5kg	40.7lbs
Approvals	UKCA and CE	UL *

DeepPleat pre-filter specifications

Surface media area	6m² approx (64.5 ft²)
Filter media	Borosilicate
Filter media construction	100mm maxi fold construction with glue bead spacers (0.32 ft)
Filter efficiency	95% @ 0.9 microns

System part numbers

Model	Voltage	Part number	Optional 24V stop / start	Optional filter change indicator	Hose kit - 100mm
AD 350 CU stainless steel	230V	L5742A8202	A2001	A2002	A1020011
AD 350 CU stainless steel	115V	L5741A8202	A2001	A2002	A1020011

Replacement filter part number

Model	DeepPleat pre-filter
AD 350 CU	A1030056

* 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.

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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