



A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

AD Base C180

Last Updated on 01.02.2022



The laser companion advantage extraction system for use with the GCC C180 laser engraver.

The Advantage Base C180 has been designed specifically for the GCC C180 laser engraver. The dimensions of the unit allow the C180 to fit perfectly onto the extractor, effectively doubling it up as a workstation.

The unit is also offered with an onboard air compressor to provide the laser with its air assist requirements and comes complete with an extraction hose kit and compressor link up on compressor models.

Technology



HEPA filter



Advanced carbon
filter (ACF)
technology



Patented
technology



ProTECT service
plan



SureCHECK
quality standard

Key features of the AD Base C180

Custom designed to meet the extraction requirements of targeted applications
Standard

Long life low cost replacement filters
Standard

Simple and flexible installation
Standard

Castor for portability
Standard

VOC gas sensor (Volatile Organic Compound)
Optional

DeepPleat pre-filter
Optional

Optimised airflow rate for low running costs and environmental protection
Standard

Colour matched to the GCC C180
Standard

Ultra quiet operating level
Standard

Comes complete with extraction hose kit
Standard

On-board compressor
Optional

Contact BOFA at <https://bofainternational.com/en/contact/>

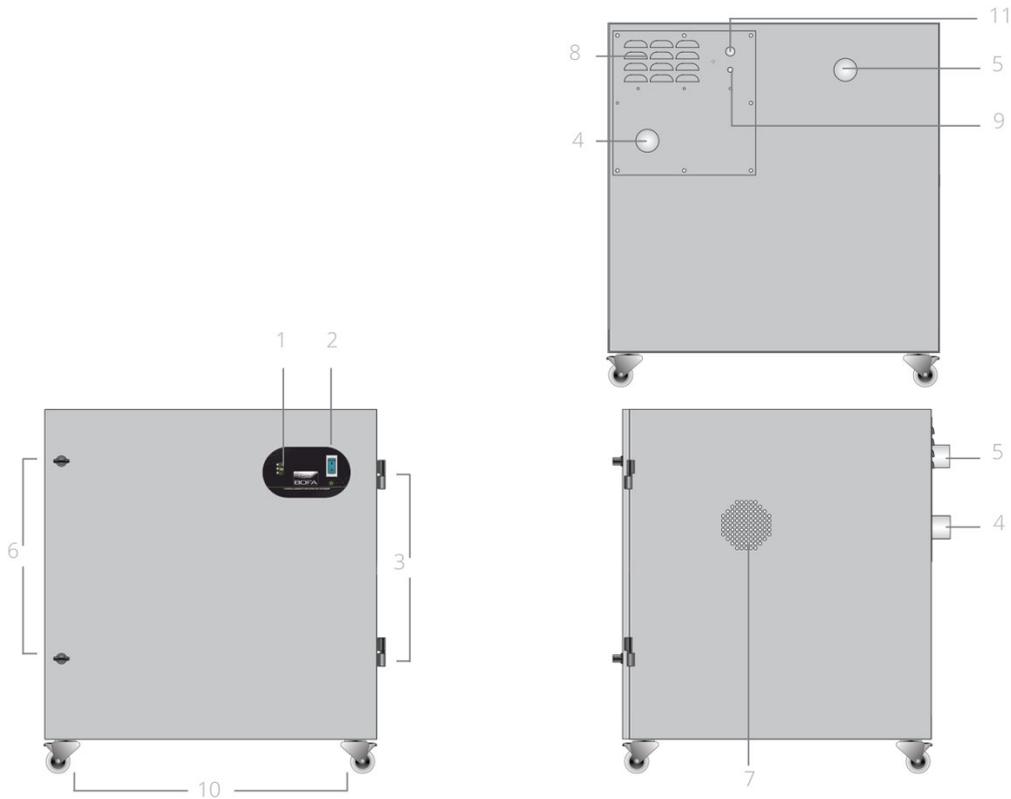
<https://bofainternational.com/en/portal/datasheets/ad-base-c180/>



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

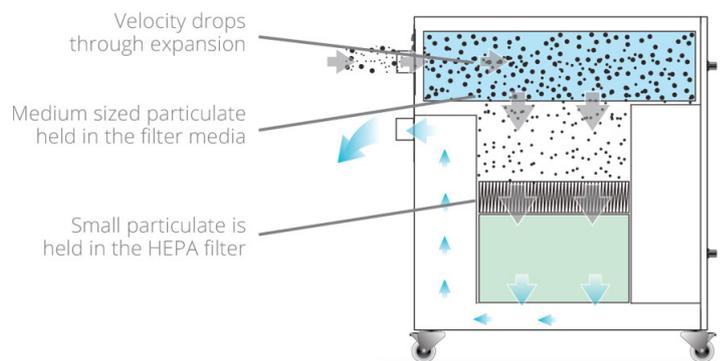
Technical specification

- | | | | |
|------------------------------------|--------------------|--------------------------------------|--------------------------------|
| 1. Unit / filter condition display | 2. On / off switch | 3. Door hinge | 4. Extracted air outlet - 50mm |
| 5. Hose inlet connection - 50mm | 6. Door hinges | 7. Optional compressor cooling inlet | 8. Motor cooling inlet |
| 9. Compressed air outlet | 10. Castors | 11. Power cable | |



Airflow through filters

-  Chemical filter
-  HEPA filter
-  Pre-filter
-  Clean air
-  Contaminated air
-  Particulate



Technical Data

EU

US

Technical Data

Dimensions (HxWxD)	795 x 740 x 720mm	31.30 x 29.13x 28.35"
Cabinet Construction	Powder coated mild steel	Powder coated mild steel
Airflow / pressure	180m ³ /hr / 30mbar	106cfm / 30mbar
Electrical data	230v 50/60Hz full load current: 0.9 amps / 135w	115v 50/60Hz full load current: 1.2 amps / 135w
Noise level	< 55dBA (at typical operating speed)	< 55dBA (at typical operating speed)
Weight	91kg	201lbs
Approvals	UKCA and CE	UL*

Pre-filter specifications

Surface media area	2.2m ² approx (23.672 ft ²)
Filter media	Polyester
Filter media construction	8 pocket bag filter
Filter efficiency	95% @ 0.9 microns

Combined filter specifications

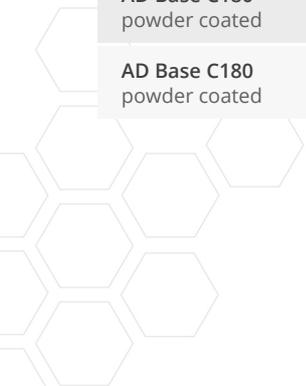
HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Surface media area	2m ² (21.52 ft ²)
Treated activated carbon	9kgs (19.8 lbs)
Filter housing	Mild steel
Filter efficiency	99.997% @ 0.3 microns

Optional DeepPleat pre-filter specifications

Surface media area	12m ² approx (129.12 ft ²)
Filter media	Borosilicate
Filter media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Filter efficiency	95% @ 0.9 microns

Part numbers

Model	Voltage	Part number	Optional VOC monitoring	Optional compressor
AD Base C180 powder coated	230V	L2142A	A2003	A2007
AD Base C180 powder coated	115V	L2141A	A2003	A2007



Replacement filters

Model	Pre-filter	Combined filter	Optional DeepPleat pre-filter
AD Base C180	A1030077	A1030050	A1030257

Hose connection kit

50 - 50mm kit

2 x 50mm sleeves welded to 2 x 50mm 90 degree bends

1m x 50mm flexible hose

2 x 50mm connection cuffs

* 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 Base C180

[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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