



A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

# AD Base C180

Last Updated on 08.04.2021



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 work station.

The unit is also offered with an onboard air compressor to provide the laser with its air assist requirements and comes complete with 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

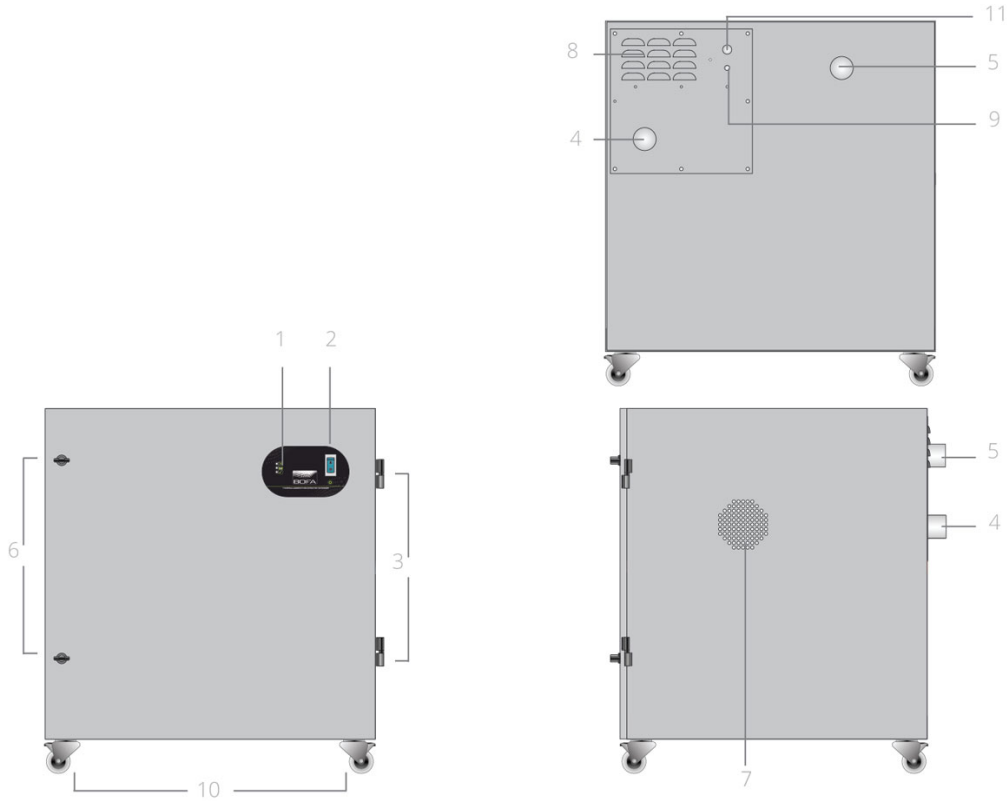
Contact BOFA at <https://bofainternational.com/en/contact/>

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









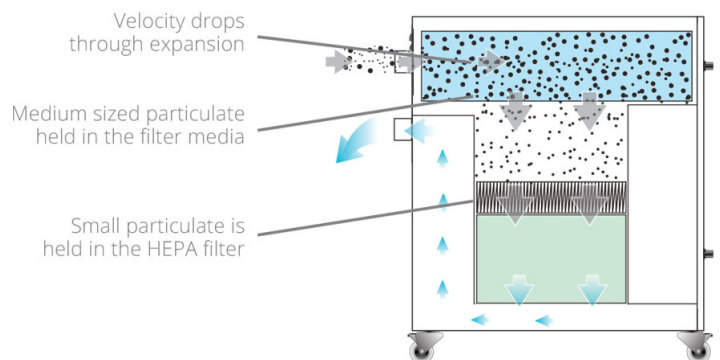
## Technical specification

- |                                    |                    |                                      |                                |
|------------------------------------|--------------------|--------------------------------------|--------------------------------|
| 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
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 <sup>3</sup> /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 <sup>2</sup> approx (23.672 ft <sup>2</sup> )
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 <sup>2</sup> (21.52 ft <sup>2</sup> )
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 <sup>2</sup> approx (129.12 ft <sup>2</sup> )
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 VOC's, 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.*

*Think before you print! Please consider the environment before printing this document.*

