

A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# AD Base C180

**LASER** 

Last Updated on 19.12.2018





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/











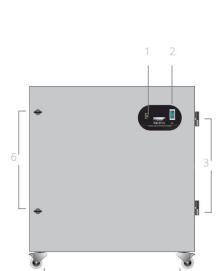


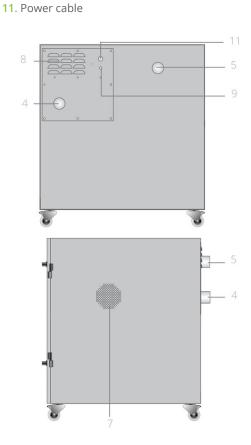


## **Technical specification**

- **1.** Unit / Filter condition display
- **5.** Hose inlet connection 50mm
- 9. Compressed air outlet
- 2. On / off switch
- 6. Door hinges
- 10. Castors

- 3. Door hinge
- 7. Optional compressor
- cooling inlet
- 4. Extracted air outlet 50mm
- 8. Motor cooling inlet





## Airflow through filters



Chemical filter



HEPA filter



Pre filter



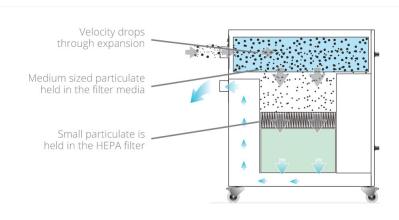
Clean air



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	180m³/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	CE	CE		

Pre filter specifications		
Surface media area	2.2m² approx (23.672 ft²)	
Filter media	Polyester	
Filter media construction	8 Pocket bag filter	
Filter efficiency	95% @ 0.9 microns	

Combined filter specifications		
HEPA filter media	Glass fibre	
HEPA media construction	Maxi pleat construction with webbing spacers	
Surface media area	2m² (21.52 ft²)	
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	12m² approx (129.12 ft²)	
Filter media	Glass fibre	
Filter media construction	Maxi pleat construction with webbing spacer	
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 sleves welded to 2 x 50mm 90 degree bends

1m x 50mm flexible hose

2 x 50mm connection cuffs

## 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.

