



THE WORLD LEADER IN  
FUME EXTRACTION TECHNOLOGY

National Academic Representative!



Technology Education Concepts

1-800-338-2238 | www.TECedu.com | info@TECedu.com

## AD Base C180

Advantage


**“Designed and manufactured by BOFA International, The World Leader in Fume Extraction Technology in consultation with GCC distributors”**

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.

### STANDARD FEATURES:

- Custom designed to meet the extraction requirements of targeted applications
- Optimised airflow rate for low running costs and environmental protection
- Long life low cost replacement filters
- Colour matched to the GCC C180
- Simple and flexible installation
- *Ultra quiet* operating level
- Castor for portability
- Comes complete with extraction hose kit

### OPTIONAL FEATURES:

- VOC gas sensors (Volatile Organic Compound)
- Onboard Compressor
-  DeepPleat pre filter

The Laser Companion Advantage Extraction System for use with the GCC C180 Laser Engraver.



Featuring optional DeepPleat filter technology



Featuring advanced carbon filter technology



**“The Proven extraction partner for the GCC C180 Laser Engraver.”**

PART NUMBERS				
Model	Voltage	Part Number	VOC Monitoring	Compressor
AD Base C180	230V	L2142A	A2003	A2007
Powder Coated	115V	L2141A		

REPLACEMENT FILTERS			
Model	Pre Filter	Combined Filter	Optional DeepPleat Pre Filter
AD Base C180	A1030077	A1030050	A1030257

TECHNICAL DATA		
	230V	115V
Dimensions (HxWxD)	795 x 720 x 675mm	31.3 x 28.3 x 26.6"
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*	< 55dBA*
Weight	86kg	190lbs

\* At typical operating speed.

PRE FILTER SPECIFICATIONS	
Surface Media Area	2.2m <sup>2</sup>
Filter Media	Polyester
Filter Media Construction	8 Pocket bag filter
Filter Efficiency	F8 (95% @ 0.9 microns)

COMBINED FILTER SPECIFICATIONS	
HEPA Filter Media	Glass Fibre
HEPA Media Construction	Maxi Pleat Construction with Webbing Spacers
Surface Media Area	2m <sup>2</sup>
Treated Activated Carbon	9kgs
Filter Housing	Mild Steel
Filter Efficiency	99.997% @ 0.3 microns

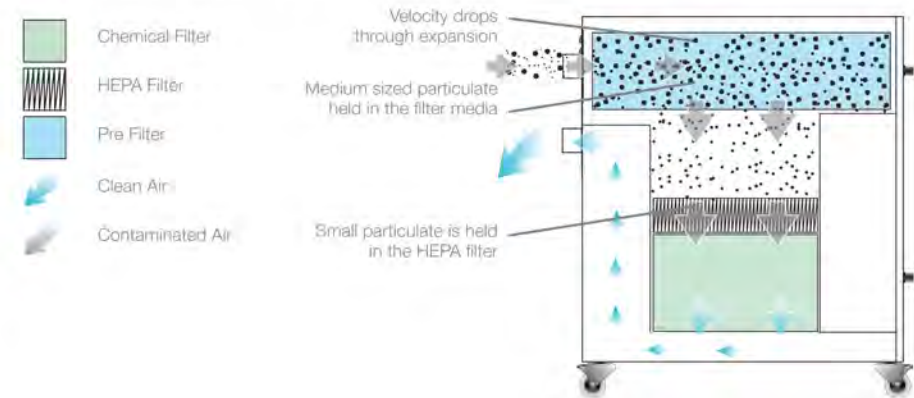
HOSE CONNECTION KIT	
50 - 50mm kit	
2 x 50mm Sleeves welded to 2 x 50mm 90 degree bends	
1m x 50mm Flexible Hose	
2 x 50mm Connection Cuffs	

### FILTER OPTION:

OPTIONAL DEEPPLEAT PRE FILTER SPECIFICATIONS	
Surface Media Area	12m <sup>2</sup> approx
Filter Media	Glass Fibre
Filter Media Construction	Maxi Pleat Construction with Webbing Spacers
Filter Housing	Zintec mild steel
Filter Efficiency	F8 (95% @ 0.9 microns)

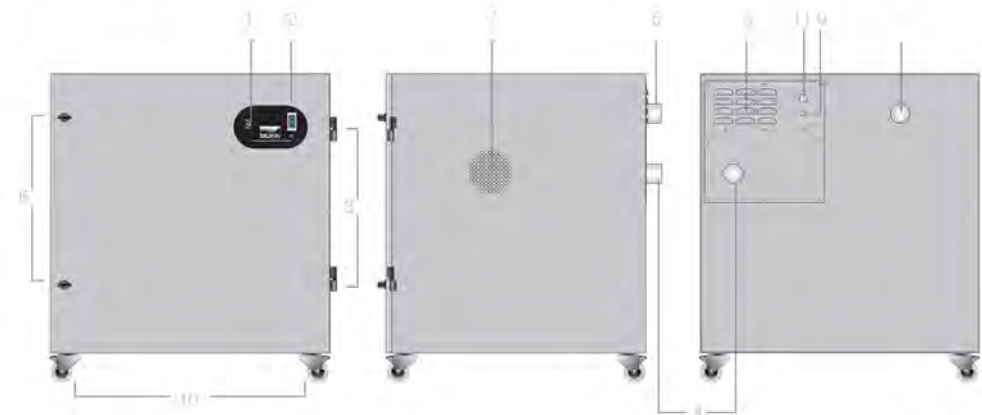


### AIRFLOW THROUGH FILTERS



### TECHNICAL SPECIFICATION

- Unit / Filter Condition Display
- On / Off Switch
- Door Hinge
- Extracted Air Outlet - 50mm
- Hose Inlet Connection - 50mm
- Door Hinges
- Optional Compressor Cooling Inlet
- Motor Cooling Inlet
- Compressed Air Outlet
- Castors
- Power Cable



Other models and filters are available. All of the above units are fitted with our standard filter combinations. For specific applications please enquire from us. Replacement filters with an 'expiry' date should be ordered using the date number on the filter (please your order number remains unchanged later to avoid confusion) Contact us at the end of print.

BOFA INTERNATIONAL LTD

BOFA AMERICAS, INC

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British Quality

