

## ADVANTAGE LASER COMPANIONS

LASER FUME EXTRACTION SYSTEMS

For the Laser Marking, Coding and Engraving Industries.

The Laser Companion range has been designed so that a number of manufacturer's laser engravers can sit on top of the extractor, effectively doubling it up as a work station.

Each of the 3 units in the range has the option of an onboard compressor for a compact installation. The Base 1 and Base 2 units benefit from manual speed control. BOFA's patent pending Easi-Glide filter location mechanism makes filter change easy, quick and safe.

- Blower with high airflow and pressure
- Filters with long life and low replacement cost
- Easi-Glide filter location mechanism
- Noise levels less than 60dBa
- Optional VOC gas sensors
- Advanced stop/start interface



BASE 1



BASE 2



BASE 3

### PART NUMBERS

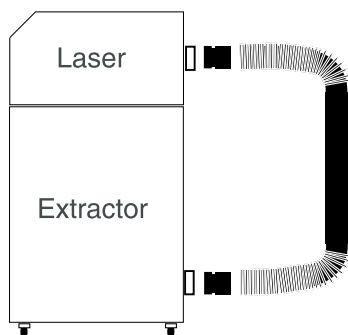
Model			24V Stop / Start	Filter change / System failure signal	VOC Monitoring	Compressor	Automatic Closed Loop Flow Control System
AD Base 1	230v	L1042A	A2001	A2002	A2003	A2007	A2006
	115v	L1041A					
AD Base 2	230v	L1142A	A2001	A2002	A2003	A2007	A2006
	115v	L1141A					
AD Base 3	230v	L0342A	A2001	A2002	A2003	A2007	A2006
	115v	L0341A					

All of the above units are fitted with our standard filter combinations. For specific applications please contact us direct.

## HOSE KITS

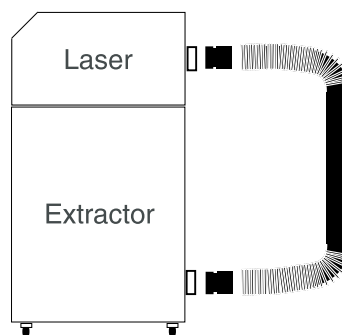
Model	Hose Kit*	Hose Kit*
AD Base 1	A1020020 100-100mm kit	A1020010 100-75mm kit
AD Base 2	A1020020 100-100mm kit	A1020010 100-75mm kit
AD Base 3	A1020050 75-100mm kit	A1020017 75-75mm kit

\* Other Hose Kits are available.



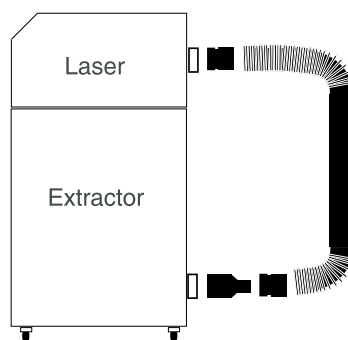
## PART NUMBER: A1020020

1	1.5m 100mm Flexible Hose
2	Connection Cuffs



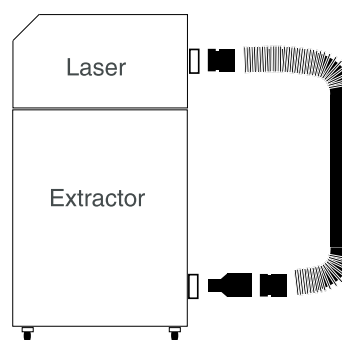
## PART NUMBER: A1020017

1	1.5m 75mm Flexible Hose
2	Connection Cuffs



## PART NUMBER: A1020010

1	1.5m 75mm Flexible Hose
2	Connection Cuffs
3	100 - 75mm Reducer



## PART NUMBER: A1020050

1	1.5m 100mm Flexible Hose
2	Connection Cuffs
3	75 - 100mm Reducer

## REPLACEMENT FILTERS AND ACCESSORIES\*

Model	Pre Filter	2 <sup>nd</sup> Pre Filter	HEPA filter	Disposable Gas Filter 50L	Refillable Gas Filter Tray	25kgs Refill Bag of Carbon	Combined Filter
AD Base 1	A1030077	N/A	A1030078	A1030061	A1030063	A1030064	N/A
AD Base 2	A1030077	A1030046	A1030078	A1030061	A1030063	A1030064	N/A
AD Base 3	A1030045	N/A	N/A	N/A	N/A	N/A	A1030050

\* Other Filters are available. Please call us for details. N/A = Not Applicable

## TECHNICAL DATA

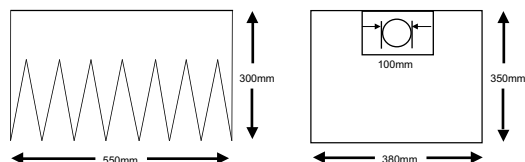
Model	Base 1		Base 2		Base 3	
	EC	US	EC	US	EC	US
Dimensions (h x w x d)	805 x 695 x 675mm	31.7 x 27.4 x 26.6"	780 x 950 x 670mm	30.7 x 37.4 x 26.4"	765 x 680 x 470mm	30.1 x 26.8 x 18.5"
Weight	86kg	189lbs	96kg	212lbs	65kg	143lbs
Cabinet Construction	Powder coated mild steel	Powder coated mild steel	Powder coated mild steel	Powder coated mild steel	Powder coated mild steel	Powder coated mild steel
Blower	1.1kw 400m <sup>3</sup> /hr	1.1kw 235cfm	1.1kw 400m <sup>3</sup> /hr	1.1kw 235cfm	0.35kw 200m <sup>3</sup> /hr	0.35kw 117cfm
Electronics	230v 50/60Hz Full load current: 7.2 amps	115v 50/60Hz Full load current: 14.4 amps	230v 50/60Hz Full load current: 7.2 amps	115v 50/60Hz Full load current: 14.4 amps	230v 50/60Hz Full load current: 0.9 amps	115v 50/60Hz Full load current: 1.2 amps



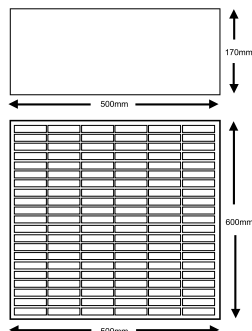
## BASE 1 - FILTER SPECIFICATIONS

	Pre Filter	HEPA Filter	Gas Filter
Part Number	A1030077	A1030078	A1030061
Filter Media	Polyester	Glass Fibre	Impregnated Carbon 25kg
Surface Area	2.2m <sup>2</sup>	7.5m <sup>2</sup>	N/A
Construction	8 Pocket	Maxi Pleat	Granules
Housing	Polyester	Mild Steel	Mild Steel
Efficiency	EU6 (85% @ 0.8 microns)	H13 (99.997% @ 0.3 microns)	N/A

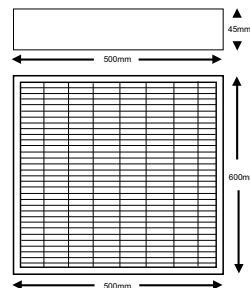
PRE FILTER



GAS FILTER



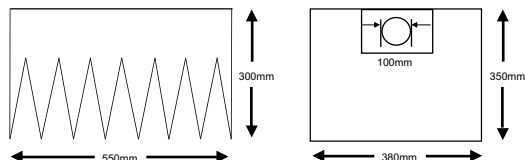
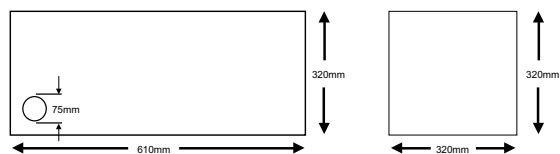
HEPA FILTER



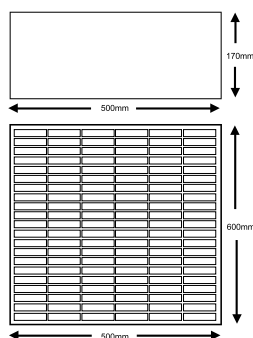
## BASE 2 - FILTER SPECIFICATIONS

	Pre Filter	2 <sup>nd</sup> Pre Filter	HEPA Filter	Gas Filter
Part Number	A1030077	A1030046	A1030078	A1030061
Filter Media	Polyester	Glass Fibre	Glass Fibre	Impregnated Carbon 25kg
Surface Area	2.2m <sup>2</sup>	12m <sup>2</sup>	7.5m <sup>2</sup>	N/A
Construction	8 Pocket	Maxi Pleat	Maxi Pleat	Granules
Housing	Polyester	MDPE Moulding	Mild Steel	Mild Steel
Efficiency	EU6 (85% @ 0.8 microns)	EU8 (95% @ 0.8 micron)	H13 (99.997% @ 0.3 microns)	N/A

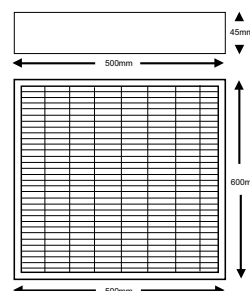
PRE FILTER

2<sup>ND</sup> PRE FILTER

GAS FILTER



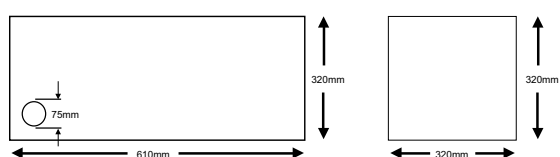
HEPA FILTER



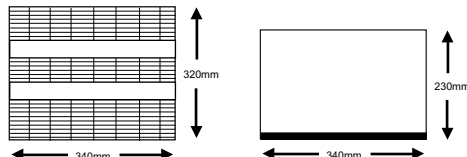
## BASE 3 - FILTER SPECIFICATIONS

	Pre Filter	Combined Filter
Part Number	A1030045	A1030050
Filter Media	Glass Fibre	Glass Fibre, Activated Carbon 9kg
Surface Area	12m <sup>2</sup>	2m <sup>2</sup>
Construction	Maxi Pleat	Metal Case
Housing	MDPE Moulding	Mild Steel
Efficiency	EU8 (95% @ 0.8 microns)	H13 (99.997% @ 0.3 microns) Multiple Gas

PRE FILTER

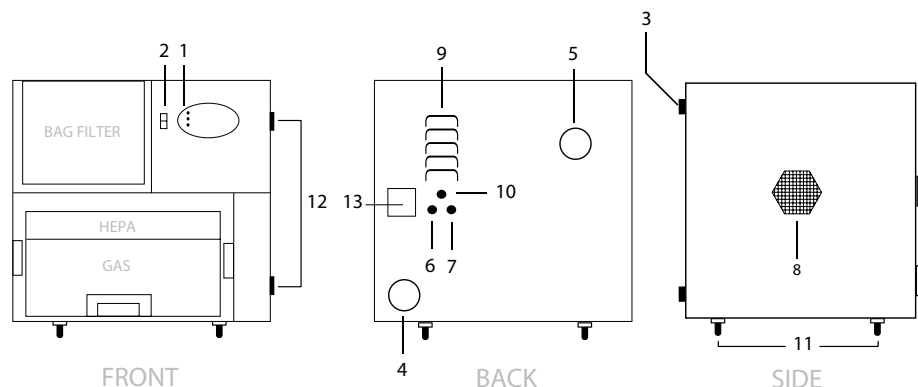


COMBINED FILTER



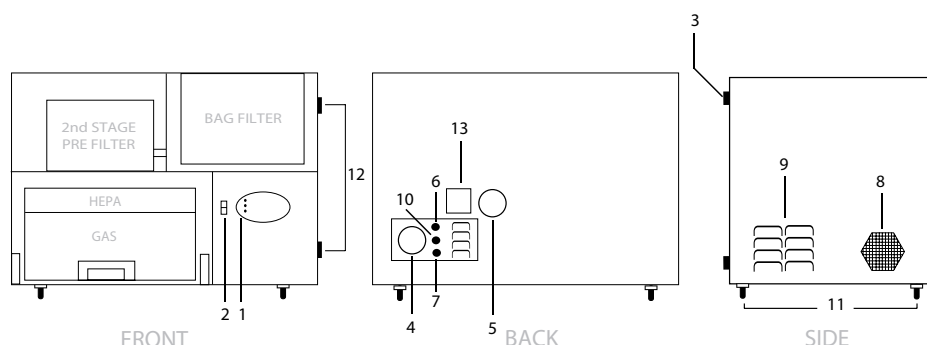
## BASE 1

1. Unit/Filter Condition Display
2. On/Off Switch
3. Filter Housing Cam Latch
4. Extracted Air Outlet
5. Hose Inlet Connection 100mm
6. Signal/ Interface Cable to Laser
7. Power Cable
8. Motor Cooling Inlet
9. Motor Cooling Outlet
10. Compressed Air Outlet
11. Castors
12. Door Hinges
13. Machine Identification



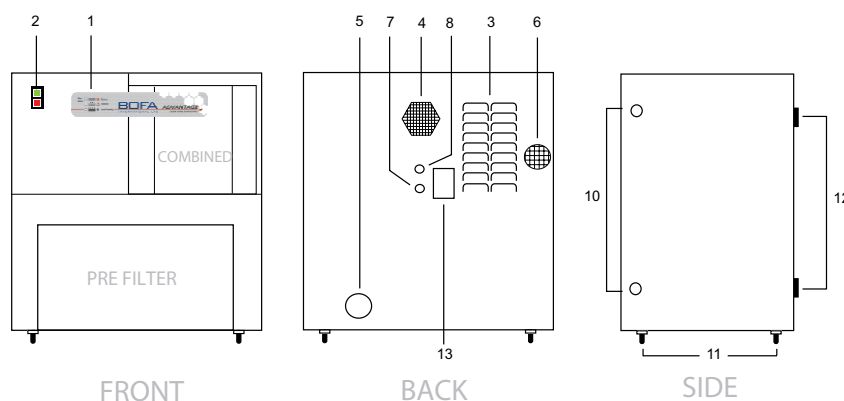
## BASE 2

1. Unit/Filter Condition Display
2. On/Off Switch
3. Filter Housing Cam Latch
4. Extracted Air Outlet
5. Hose Inlet Connection 100mm
6. Signal/ Interface Cable to Laser
7. Power Cable
8. Motor Cooling Inlet
9. Motor Cooling Outlet
10. Compressed Air Outlet
11. Castors
12. Door Hinges
13. Machine Identification



## BASE 3

1. Unit/Filter Condition Display
2. On/Off Switch
3. Motor Cooling In/Out
4. Compressor Cooling Inlet
5. Exhaust Inlet Connection 75mm
6. Exhaust Outlet
7. Power Cable
8. Compressed Air Outlet
9. Locating Dimples for Laser Cabinet
10. Filter Compartment Door Latches
11. Castors
12. Door Hinges
13. Machine Identification



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**ADVANTAGE EASI-GLIDE** ★



AUTHORISED AGENT