



# Alpha & Alpha Dust

What to specify...

1. Model

2. Voltage

3. Pre-filter

4. Main filter

5. Connection Kit

6. Interfacing Kit

	200		400	
<b>1</b>				
<b>2</b>				
<b>Voltage</b>	<b>230V ±10%</b>	<b>120V ±10%</b>	<b>230V ±10%</b>	<b>120V ±10%</b>
<b>Alpha-Vacuum Control</b>	<b>0AL2102</b>	<b>0AL2103</b>	<b>0AL4102</b>	<b>0AL4103</b>
<b>Alpha Dust-Vacuum Control</b>	-	-	<b>0AL4136</b>	<b>0AL4137</b>
Wattage	0.14 kW	0.107 kW	0.24 kW	0.255 kW
Frequency	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz
Cabinet height (inc castors)	885 mm	885 mm	885 mm	885 mm
Cabinet width (not inc hose)	465 mm	465 mm	465 mm	465 mm
Cabinet depth (not inc hose)	430 mm	430 mm	430 mm	430 mm
Cabinet weight	55 Kg	55 Kg	55 Kg	55 Kg
Construction	Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Mounted on castors for mobility.			

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## Labyrinth Pre-filter



Standard Alpha

Options: (Pack of 2)  
F6 (std)  
F8/F9 Composite

Code:  
202269  
202274

Dust Version

Options: (Pack of 2)  
F6 (std)  
F8/F9 Composite

Code:  
202268  
202271

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## Main filter



Options:

HEPA/Chemical (std)  
HEPA/Twin Chemical  
or HEPA/Twin Chemical  
HEPA/Chemical Cleanroom\*  
HEPA  
HEPA/Chemical  
(Hydrophobic)

Code:

113505  
113579  
113669  
113512  
113809  
113505H

Options:

Chemical  
Chemical Special  
Chemical (Acidic Fumes)  
Pleated Bag

Code:

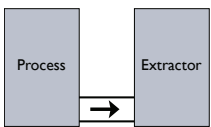
113508  
113662  
113505P  
113531

\* Use in combination with 202274

NOTE: No main filters are required for the dust version.

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## Connection Hose Kit



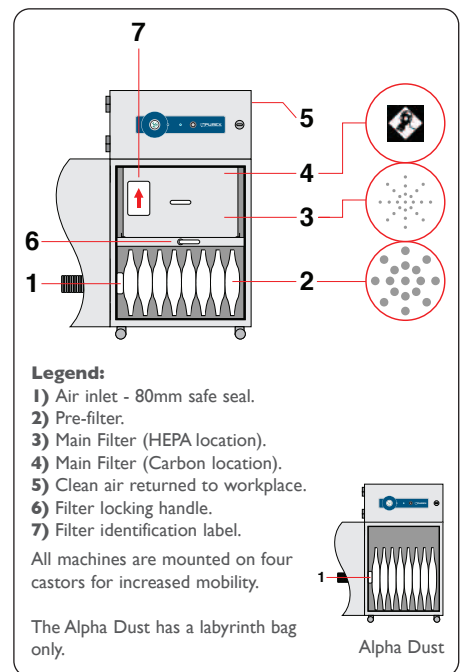
**6**

## Machine Interfacing (Optional)



Allows the Purex system to interface with a piece of equipment connected to it.

- **Start/Stop Control:** Extraction unit starts/stops when a connected piece of equipment is switched ON/OFF.
- **Filter Blocked Warning:** A signal is sent to a connected piece of equipment to trigger an alert or to shut it down.
- **Remote ON/OFF Switch:** 5M cable & switch



## Controls

### Visual and Audible Filter Blocked Warning

Alerts the operator when a filter starts to block so that a replacement filter can be acquired and downtime can be avoided.

### LED Filter Status

Green = Filter OK

Yellow = Filter nearly full

Red = Filter full, replacement required

Interface with other equipment e.g. a laser optional.

## System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow
- VariColour filter blocked warning system
- Low capital and running costs
- Quick change, patented Labyrinth pre-filters deliver longer filter life
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns
- Activated carbon filtration removes harmful gas
- Simple to install and quiet in operation
- Easy to relocate
- Precision made from stainless steel

## Includes:

- 1 x Main filter
- 2 x Labyrinth pre-filters
- 1 x Connection Kit
- 1 x Power cable

Note: Alpha Dust does not contain a main filter.

## Accessories

Please see the accessories section at the back of this brochure.