



Alpha & Alpha Dust

What to specify...

1. Model

2. Voltage

3. Pre-filter

4. Main filter

5. Connection Kit

6. Interfacing Kit

| | 200 | | 400 | |
|----------------------------------|--|------------------|------------------|------------------|
| 1 | | | | |
| 2 | | | | |
| Voltage | 230V ±10% | 120V ±10% | 230V ±10% | 120V ±10% |
| Alpha-Vacuum Control | 0AL2102 | 0AL2103 | 0AL4102 | 0AL4103 |
| Alpha Dust-Vacuum Control | - | - | 0AL4136 | 0AL4137 |
| 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. | | | |

3

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

4

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:

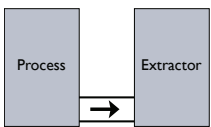
113508
113662
113505P
113531

* Use in combination with 202274

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

5

Connection Hose Kit



PAGE 26-28

6

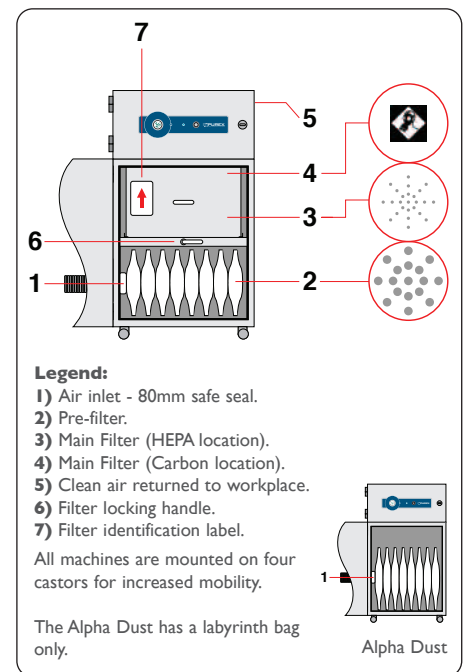
Machine Interfacing (Optional)



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

See PAGE 34



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.