



# 400i PVC

What to specify...

1. Model

2. Voltage

3. Pre-filter

4. Main filter

5. Connection Kit

6. Interfacing Kit

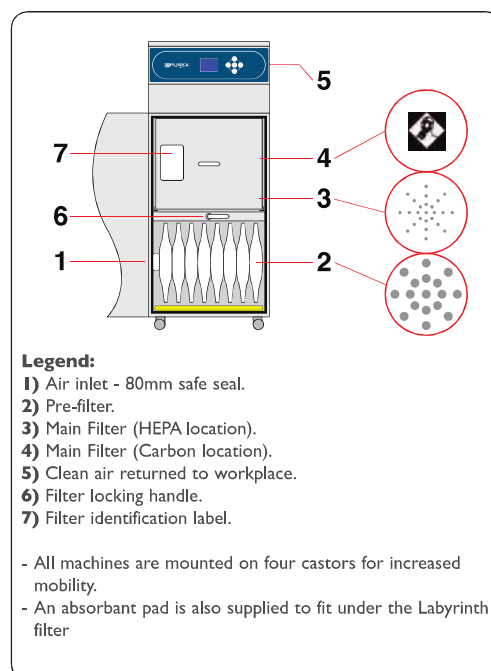
| 1                            |  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | 400i PVC     |  |
|------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|
| Voltage                      |  | 230V ±10%                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 120V ±10%    |  |
| Volume Control               |  | 0PV4010D                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 0PV4013D     |  |
| Wattage                      |  | 1.30 kW                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 1.37 kW      |  |
| Frequency                    |  | 50Hz / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 50Hz / 60 Hz |  |
| Cabinet height (inc castors) |  | 1181 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 1181 mm      |  |
| Cabinet width (not inc hose) |  | 465 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 465 mm       |  |
| Cabinet depth (not inc hose) |  | 528 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 528 mm       |  |
| Cabinet weight               |  | 70 Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 70 Kg        |  |
| Special Construction         |  | <ul style="list-style-type: none"><li>• High chemical resistance epoxy coating on all inner surfaces, painted onto SSPC-SP6 prepared stainless steel for maximum adhesion of coating.</li><li>• Polypropylene protective pads and bushings protect the filter mechanisms and epoxy coating from wear.</li><li>• Corrosion resistant polymer fasteners and caps protect the door hinges and casters. Door catches and grounding wire mounted externally to avoid corrosion.</li></ul> |  |              |  |

| 3                                                                                                                                                        | Labyrinth Pre-filter                                              |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|
|                                                                                                                                                          | <b>Options:</b>                                                   | <b>Code:</b>     |
|                                                                                                                                                          | F8/F9 Composite (Pack of 2)<br>Chemical Absorbant Pad (Pack of 4) | 202271<br>200261 |
| <b>Note:</b><br>Both Pre-filter and pads are required. The absorbant pad should be replaced when the Labyrinth filter is replaced or sooner if required. |                                                                   |                  |

| 4 | Main filter             |              |
|---|-------------------------|--------------|
|   | <b>Options:</b>         | <b>Code:</b> |
|   | HEPA/PVC Chemical (std) | 113498       |

| 5 | Connection Hose Kit                                     |  |
|---|---------------------------------------------------------|--|
|   | Please choose 100043C connection kit from <b>PAGE26</b> |  |

| 6                                                                                   | Machine Interfacing (Optional)                                                                                                                                                                                                                                                                                                                                         |  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <br>Allows the Purex system to interface with a piece of equipment connected to it. | <ul style="list-style-type: none"> <li>• <b>Start/Stop Control:</b> Extraction unit starts/stops when a connected piece of equipment is switched ON/OFF.</li> <li>• <b>Filter Blocked Warning:</b> A signal is sent to a connected piece of equipment to trigger an alert or to shut it down.</li> <li>• <b>Remote ON/OFF Switch:</b> 5M cable &amp; switch</li> </ul> |  |
|                                                                                     | See <b>PAGE 34</b>                                                                                                                                                                                                                                                                                                                                                     |  |



## Digital Control System

A dedicated control, monitoring and display system unique to Purex fume extractors. All functions are fully automatic, all the user has to do is set the appropriate airflow on installation. The features of this system are designed to:

- Lower energy consumption by using variable speed motors and automatic flow control.
- Increase filter life by using the optimal extraction rate.
- Further protect people by constantly monitoring exhaust emissions.
- Interface with other equipment e.g. a laser.
- Maintain a constant extraction rate to prevent fume escape or damage to equipment.

## System Features...

- Automatic electronic flow control - maintains a constant extraction rate even as the filter blocks
- Adjustable airflow
- Clear and informative graphic display
- Gas and Particle Sensors on the exhaust
- 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 and precision made from stainless steel

## Includes:

- 1 x Main filter
- 2 x Labyrinth Pre-filters
- 4 x Absorbant Pads
- 1 x Connection Kit
- 1 x Power cable

## Accessories

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