



# 800i

What to specify...

1. Model

2. Voltage

3. Volume or Vacuum

4. Pre-filter

5. Main filter


6. Connection Kit

7. Power Lead

8. Interfacing Kit


|                                     | 800i - 2 Tier |              | 800i - 3 Tier |              |
|-------------------------------------|---------------|--------------|---------------|--------------|
| <b>1</b>                            |               |              |               |              |
| <b>2</b>                            |               |              |               |              |
| <b>3</b>                            |               |              |               |              |
| <b>Voltage</b>                      | 230V ±10%     | 120V ±10%    | 230V ±10%     | 120V ±10%    |
| <b>Volume Control</b>               | 080502D       | 080503D      | 080501D       | 080500D      |
| <b>Vacuum Control</b>               | 080505D       | 080507D      | 080504D       | 080506D      |
| <b>Wattage</b>                      | 2.60 kW       | 2.74 kW      | 2.60 kW       | 2.74 kW      |
| <b>Frequency</b>                    | 50Hz / 60 Hz  | 50Hz / 60 Hz | 50Hz / 60 Hz  | 50Hz / 60 Hz |
| <b>Cabinet height (inc castors)</b> | 1143 mm       | 1143 mm      | 1143 mm       | 1143 mm      |
| <b>Cabinet width (not inc hose)</b> | 571 mm        | 571 mm       | 571 mm        | 571 mm       |
| <b>Cabinet depth (not inc hose)</b> | 670 mm        | 670 mm       | 670 mm        | 670 mm       |
| <b>Cabinet weight</b>               | 80 Kg         | 80 Kg        | 90 Kg         | 90 Kg        |
| <b>Sound Rating (dBA)</b>           | 57            | 57           | 57            | 57           |
| <b>Airflow m³/hr</b>                | 800           | 800          | 800           | 800          |
| <b>Vacuum (kPa)</b>                 | 9.92          | 9.10         | 9.92          | 9.10         |

**4** **Labyrinth Pre-filter**



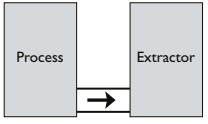
Pack of two supplied - See page 19-20

**5** **Main Filter**



One supplied with 2 tier - See page 21-22  
Two supplied with 3 tier - See page 21-22

**6** **Connection Hose Kit**

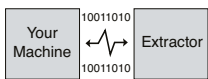


One supplied - See page 23-25 to suit your system

**7** **Power Cable**

5M Fixed power cable, no plug fitted.

**8** **Machine Interfacing (Optional)**



See page 27-29 to match your system

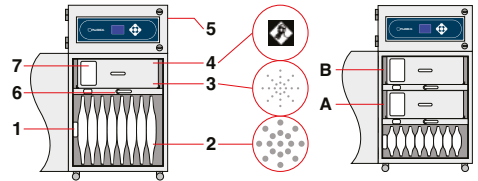
Allows the Purex system to interface with a piece of equipment connected to it.



Optional Clean Air Cowl - 190039

PVC 3 tier Version Available

Air Compressor Available For This Model



**Legend:**

- 1) Air inlet - 100mm safe seal.
- 2) Pre-filter.
- 3) Main Filter (HEPA location). †
- 4) Main Filter (Carbon location). †
- 5) Clean air returned to workplace.
- 6) Filter locking handle.
- 7) Filter identification label.

All machines are mounted on four castors for increased mobility.

† Standard Filter Only

## 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
- High performance brushless motors

## Includes:

- 1 x Main filter (2-tier)
- 2 x Main filters (3-tier)
- 2 x Labyrinth pre-filters
- 1 x Power cable (no plug)

## Accessories

Please see the accessories brochure.