



800i

What to specify...

1. Model

2. Voltage

3. Volume or Vacuum

4. Pre-filter

5. Main filter

6. Connection Kit

7. Interfacing Kit

1	2	3	800i - 2 Tier		800i - 3 Tier	
Voltage	230V ±10%	120V ±10%	230V ±10%	120V ±10%	230V ±10%	120V ±10%
Part number (Volume Control)	080502D	080503D	080501D	080500D	080501D	080500D
Part number (Vacuum Control)	080505D	080507D	080504D	080506D	080504D	080506D
Wattage	2.4 kW	2.2 kW	2.4 kW	2.2 kW	2.4 kW	2.2 kW
Frequency	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz	50Hz / 60 Hz
Cabinet height (inc castors)	1143 mm	1143 mm	1143 mm	1143 mm	1143 mm	1143 mm
Cabinet width (not inc hose)	571 mm	571 mm	571 mm	571 mm	571 mm	571 mm
Cabinet depth (not inc hose)	670 mm	670 mm	670 mm	670 mm	670 mm	670 mm
Cabinet weight	80 Kg	80 Kg	90 Kg	90 Kg	90 Kg	90 Kg
RRP	\$6,327.00	\$6,327.00	\$6,705.00	\$6,705.00	\$6,705.00	\$6,705.00

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

Options: (Pack of 2) Code: Price:

(2-Tier)
 F6 (std) 202270 \$324.00
 F8/9 Composite 202272 \$410.00

(3-Tier)
 F8/9 Composite (std) 202273 \$340.00




5 **Main filter** **FREE**

Options: Code: Price:

(2-Tier) HEPA/Chemical (std) or.. 113652 \$1012.00
 HEPA/Twin Chemical 113660 \$1012.00

(3-Tier) HEPA (std) and.. 113650 \$796.00
 Chemical (std) 113651 \$796.00
 HEPA/CSA 113659 \$796.00
 Solvent Lock* 113667 \$1415.00

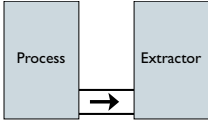


* IMPORTANT! Must be specified for CIJ printing applications.

6 **Connection Hose Kit (Optional)**

Process → Extractor

Connect to Lasers **PAGE36**
 Connect to Pipework/Machinery **PAGE37**



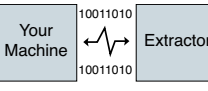
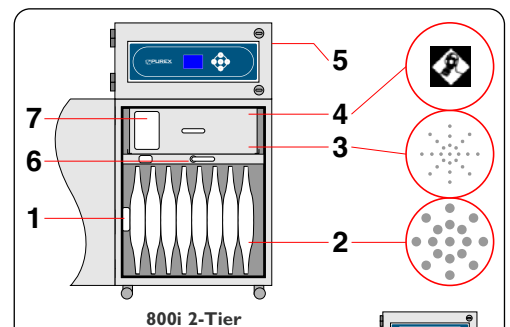
7 **Machine Interfacing Kit (Optional)**

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.

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

See **PAGE 40**

800i 2-Tier

Legend:
 1) Air inlet.
 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

800i 3-Tier
 A) HEPA filter
 B) Carbon filter

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

- # Supplied free with every machine purchase**
- 1 x Main filter (2-tier)
 - 2 x Main filter (3-tier)
 - 2 x Labyrinth Pre-filters
 - 1 x Power cable (no plug)

Accessories

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