



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%
Volume Control	080502D		080503D		080501D	080500D
Vacuum Control	080505D		080507D		080504D	080506D
Wattage	2.60 kW		2.74 kW		2.60 kW	2.74 kW
Frequency	50Hz / 60 Hz		50Hz / 60 Hz		50Hz / 60 Hz	50Hz / 60 Hz
Cabinet height (inc castors)	1143 mm		1143 mm		1143 mm	1143 mm
Cabinet width (not inc hose)	571 mm		571 mm		571 mm	571 mm
Cabinet depth (not inc hose)	670 mm		670 mm		670 mm	670 mm
Cabinet weight	80 Kg		80 Kg		90 Kg	90 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



Options: (Pack of 2)

(2-Tier)

F6 (std)

F8/9 Composite*

Code:

202280

202272

PVC Options:

Chemical Absorbant

Pad (Pack of 4)

*Use F8/F9 Labyrinth bags for PVC

Code:

200262

(3-Tier)

F8/9 Composite (std)* 202273

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Main filter



Options:

(2-Tier)

HEPA/Chemical (std) or..

HEPA/Twin Chemical or..

HEPA/Chemical Cleanroom†

(3-Tier)

HEPA (std) and..

Chemical (std) or..

Solvent Lock*

Code:

113652

113660

113658

113650

113651

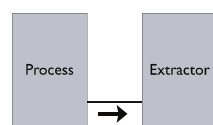
113667

† Use in combination with 202272

* Must be specified for ClJ printing applications.

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Connection Hose Kit (Optional)

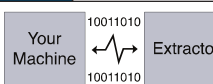


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For PVC applications please contact us.

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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

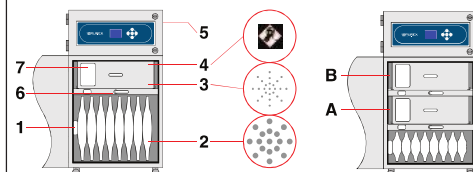
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Optional Clean Air Cowl - 190039

PVC Version Available

Air Compressor Available For This Model



800i 2-Tier

800i 3-Tier

A) HEPA filter
B) Carbon filter

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

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 section at the back of this brochure.