



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	5000i	
Voltage	400V 3ph + N		220V 3ph	
Volume Control	0LX5550D		0LX5551D	
Vacuum Control	044250D		044251D	
Wattage	7.5 kW		7.5 kW	
Frequency	50Hz / 60 Hz		50Hz / 60 Hz	
Cabinet height (inc castors)	1804 mm		1804 mm	
Cabinet width (not inc hose)	1250 mm		1250mm	
Cabinet depth (not inc hose)	892 mm		892 mm	
Cabinet weight (inc filters)	400 Kg		400 Kg	
Construction	Precision engineered brushed stainless steel units. High performance continuous run brushless motors. Mounted on castors for mobility.			

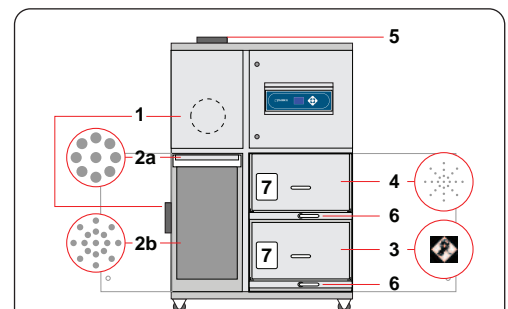
4	Pre-filter			
	1 - Labyrinth (Side Inlet)			
	Options:	Code:	PVC Options:	Code:
	2 - Pleated Bag (Rear Inlet)			
	Options:	Code:		
	Options:	Code:		



5	Main filter			
	Options:	Code:	Options:	Code:
	Options:	Code:	Options:	Code:

(!) Please note the 5000i requires 2 main filters. Use 111006 in cleanroom applications.

6	Connection Hose Kit (Optional)	
	Call Purex or your local distributor for more information.	



- Legend:**
- 1) Air inlet (Left or Rear) - 200mm 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.
- Note:**
- 2a) Prefilter pad
 - 2b) Pleated Bag Filter
- Alternatively a Labyrinth filter can be supplied.

All machines are mounted on four castors for increased mobility.

† Standard Filter Only

7	Machine Interfacing (Optional)	
	<ul style="list-style-type: none"> • 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 	
Allows the Purex system to interface with a piece of equipment connected to it.	See PAGE 34	

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 or standard 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:

2 x Main filters and

1 x Labyrinth Pre-filter or 4 x Pre-filter pads with 1 x Pleated Bag Filter

1 x Power cable (no plug)

Accessories

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