



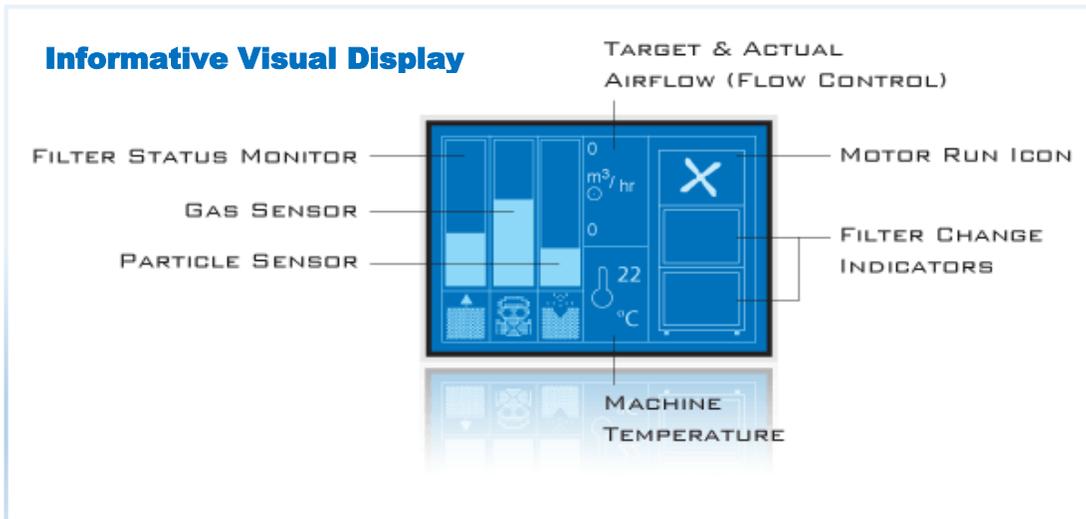
Model 800i

Recirculating fume extraction is now extremely important with the rising concern for our environment and employee safety. Purex Fume Extractors provide not only a flexible and portable process for plant redesigns and expansions, but also a more stable process by providing a controlled airflow to remove harmful fumes. All this while eliminating the added costs of building modifications, increased air handling systems and lost energy.

## Purex Digital Systems

- ❖ Automatic Flow Control maintains constant extraction rate
- ❖ Adjustable Air Flow extends filter life
- ❖ Blocked Filter Warning
- ❖ Easy to change filters
- ❖ Low energy consumption
- ❖ Quiet operation
- ❖ Welded stainless steel construction
- ❖ Reverse Air Flow prevents condensation and extends filter life
- ❖ Continuous run brushless motors
- ❖ HEPA filtration removes 99.997% of particles down to .3 microns
- ❖ Gas and particle sensors on exhaust
- ❖ Filter Blocked Monitor
- ❖ Gas Safety Sensor
- ❖ Particle Safety Sensor
- ❖ Motor Run Indicator
- ❖ Airflow reading
- ❖ Filtered air temperature
- ❖ Quick-read visual display
- ❖ Remote Machine Interface

# 800i Volume Control

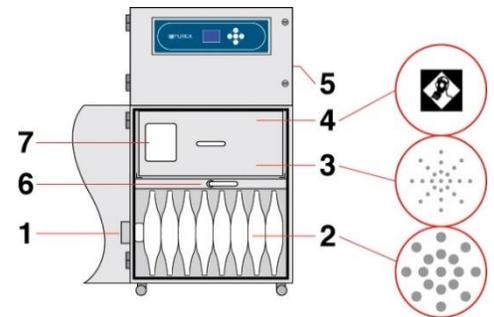


## Main Filter Options



HEPA/Chemical	113652
HEPA/Twin Chemical	113660
HEPA Chemical Cleanroom*	113658
HEPA	113650
Chemical	113651
Solvent Lock	113667

\*Use F8/F9 Pre-filter



- 1) Air inlet
- 2) Pre-filter
- 3) Main filter (HEPA)
- 4) Main filter (Carbon)
- 5) Clean air return
- 6) Filter lock Handle
- 7) Filter I.D. label

## Labyrinth Pre-Filter Options



F6 (std) 60-80% eff 1-3μ	202280
F8/F9 Composite >95% eff .5-1 μ	202272

	800i – 2 Tier		800i – 3 Tier	
<b>Model</b>	080503D	080502D	080500D	080501D
<b>Voltage (50hz/60Hz)</b>	120v (1ph)	230v (1ph)	120v (1ph)	230v (1ph)
<b>Wattage</b>	2.74 kW	2.6 kW	2.74 kW	2.6 kW
<b>Airflow</b>	470 cfm (800 m <sup>3</sup> /Hr)			
<b>Vacuum</b>	40 inwg (9.92kPa)			
<b>Air Inlet</b>	3.94in (100mm) Safe Seal			
<b>Sound Rating</b>	65 dBA			
<b>Dimensions (L/W/H)</b>	22.5in x 26.5in x 44.5in			
<b>Weight</b>	176 lbs			