





**1)** Large cabinet door completely opens for operator monitoring and easy filter changes.

**2)** Connections for air hose and laser interlock are located on back of cabinet.

**3)** Labyrinth pre-filter helps catch larger particles to extend life of main HEPA/Chemical Filter.

**4)** HEPA/Chemical Main Filter filters small particles down to 99.997% at 0.3 microns in size.

## STANDARD FEATURES:

- Automatic electronic flow control - maintains a constant extraction rate even as the filter becomes blocked
- 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

## TECHNICAL SPECIFICATIONS

- **Voltage** - 120V
- **Wattage** - 1.2KW
- **Frequency** - 50Hz/60Hz
- **Cabinet Height** - 34.8" (885mm)
- **Cabinet Width** - 17.9" (455mm)
- **Cabinet Depth** - 20.4" (517mm)
- **Cabinet Weight** - 110lbs (50kg)
- **Sound Level** - <60dBa
- **Airflow** - 330m<sup>3</sup>/h

## LABYRINTH PRE-FILTER:

- Extends the life of the main filter by capturing larger particles before they reach the HEPA filter
- Fits neatly under the main filter in integral Purex extractors
- Graduated fiber matrix delivers excellent particle capture capacity - up to 20 times more than a standard filter
- Ideal for medium-high volume applications
- Contains the particles inside for clean and simple disposal
- Composite material available for extra filter life and filtration down to 0.5 micron
- Standard captures particles to 3 micron at efficiency of 60 to 80%
- Composite captures particles to 1 micron at efficiency of 80 - 95%

## HEPA/CHEMICAL MAIN FILTER:

- HEPA (high efficiency particulate air) filter elements are precision manufactured from a pleated material that incorporates reinforcing strips which separate the pleats and help prevent airflow vibration or collapse
- Equalization plates are used between the layers of media to further reinforce the filter housing and to distribute the airflow across the filter to ensure all of the filter media is used
- Filters small particles down to 99.997% at 0.3 microns in size and absorbs a wide variety of gases and vapors