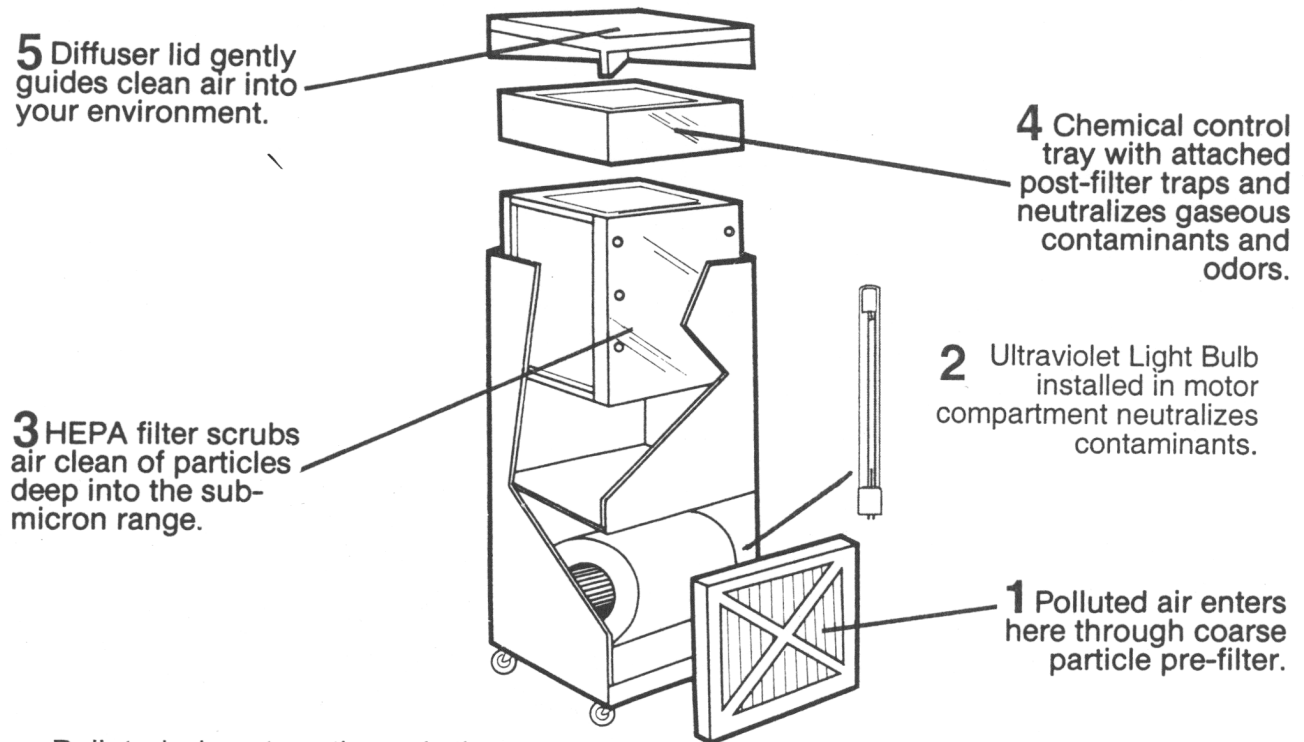


# How The Series 400 Works



**1** Polluted air enters through the coarse particle pre-filter. This pleated filter protects the motor compartment and preserves the life of the HEPA filter.

**2** After passing through the coarse particle pre-filter, air is passed by the disinfecting ultraviolet light.

**3** After passing through ultraviolet light, the powerful motor pushes the air through the large HEPA filter. Here the air is scrubbed clean of particle contamination deep into the sub-micron range. The HEPA filter traps pollens, molds, bacteria, fungi, smoke, dust, etc.

**4** Air, scrubbed clean of particles, passes into the chemical control unit. The media in the tray trap neutralizes thousands of irritating gaseous contaminants like perfumes, odors, smoke, and many chemicals such as formaldehyde, phenol, benzene, etc.

**5** Finally, the air passes through one last coarse particle filter and is guided gently by our exclusive diffuser lid into your environment up to 99% clean.

## What are the Sources of Indoor Air Pollution?

- New building construction materials such as wallboard, paint, adhesives, plastics, composition board, laminated coverings
- New furniture, carpeting, drapes, appliances
- Heating and air conditioning systems
- Perfumes, hairsprays, deodorants, tobacco smoke
- Cleaning materials
- Pesticides
- Synthetic fabrics