

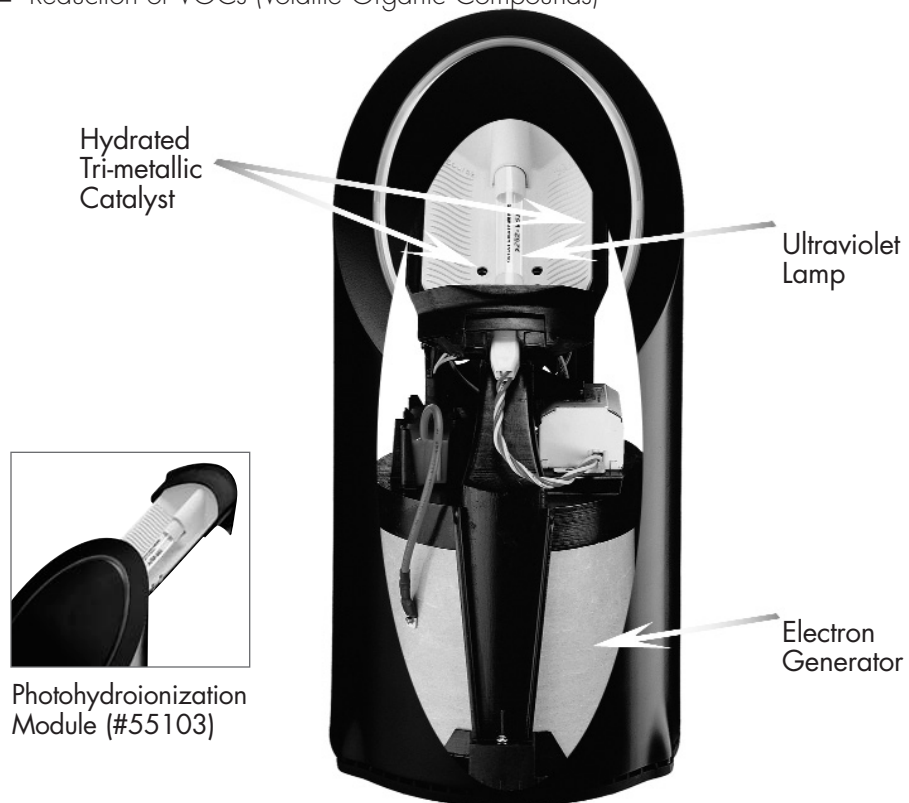
How Does Your AirSource® 3000

The AirSource® 3000 is an extremely effective indoor air purifying system. It works through a patented combination of technologies — **Photohydroionization™*** and **Electron Generation**. Here's how these two technologies work:

Photohydroionization™* Module

An advanced oxidation reaction occurs when light energy from the **ultraviolet (UV) lamp** reacts with oxygen, ozone, a small amount of moisture in the air, and the hydrated **Tri-metallic Catalyst**. This reaction creates cleansing ions, such as hydroperoxides and superoxide ions, which are mixed with the air. The treatment of your air includes:

- Suppression of bacteria growth (bacteriostatic)
- Suppression of mold growth (mycostatic)
- Reduction of odors
- Reduction of VOCs (Volatile Organic Compounds)



Purification System Work?

Electron Generator

A unique dielectric chamber that generates an expanding negative electrostatic field. Positively charged particles that enter the field pick up negative charges until neutralized, which allows the force of gravity to take over and pull the particles out of the breathing space. Particles also tend to agglomerate (clump together), forming larger particles that remain on horizontal surfaces until vacuumed or wiped up as part of your normal cleaning activities. The treatment of your indoor air includes:

- Reduction of airborne particulate matter
- Reduction of airborne microorganisms
- Reduction of cigarette smoke
- Reduction of odors

