



Sales Office : 28, Satyam Industrial Estate, Subhash Road,  
Jogeshwari (East) Mumbai 400 060. INDIA.

E-mail : [sales@ozonegeneratorindia.com](mailto:sales@ozonegeneratorindia.com)

Website : [www.ozonegeneratorindia.com](http://www.ozonegeneratorindia.com)

Telephone : +91-22-2837 9995

# Air Ozonation



### Introduction :

We face a number of risks to our health as we go about our day-to-day lives. The most recent are commercial buildings, multiplexes, shopping malls etc. where we are exposed to environmental pollutants. Some risks are simply unavoidable. Some we choose to accept because to do otherwise would restrict our ability to lead normal lives. And some are risks we might decide to avoid if we had the opportunity to make informed choices.

In the last several years, a growing body of scientific evidence has indicated that the air within homes, offices, shopping malls and other buildings can be more seriously polluted than the outdoor air in even the largest and most industrialized cities.

### Indoor air pollutant is one risk that can be controlled.

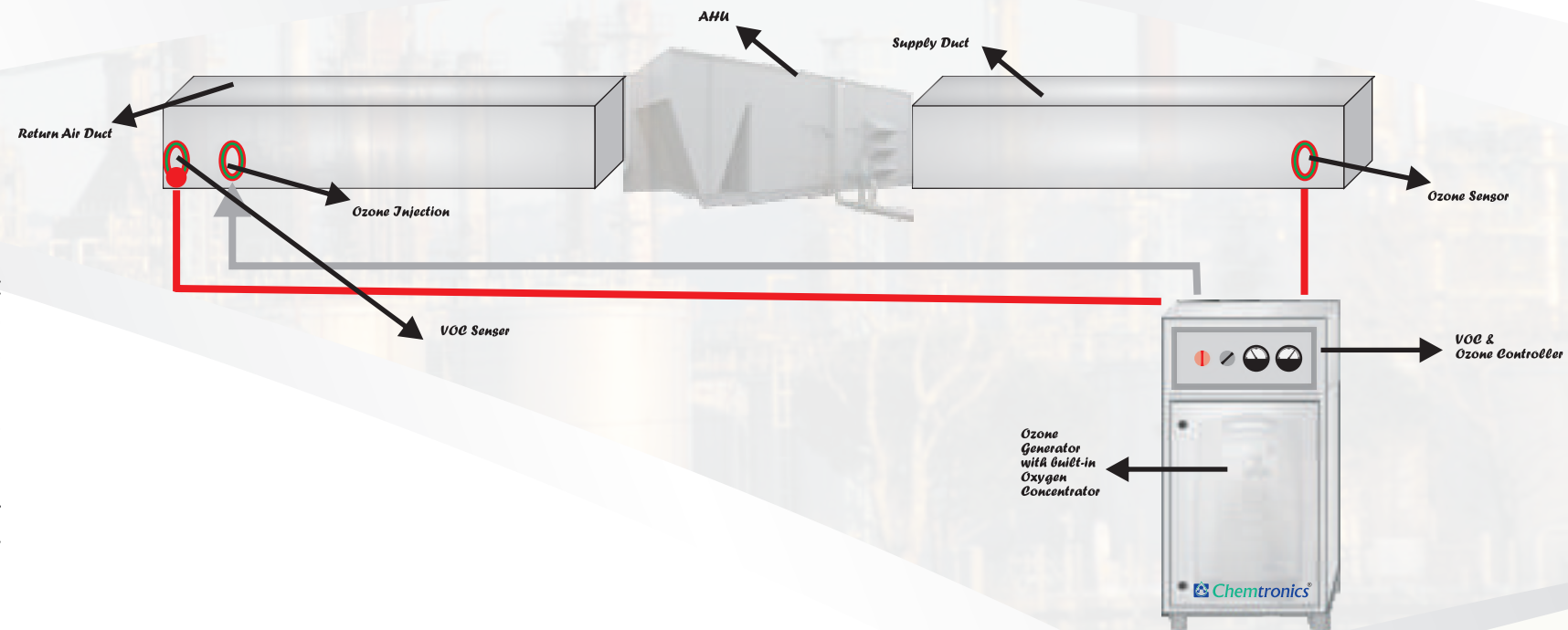
#### What are sources of Indoor Air Pollution?

- Combustion sources such as oil, gas, kerosene, coal, wood, and tobacco products.
- Building materials and furnishings as diverse as deteriorated, paints, varnish, asbestos-containing insulation, wet or damp carpet, and cabinetry or furniture made of certain pressed wood products.
- Products used for cleaning and maintenance, personal care, or hobbies;
- Central heating and cooling systems and humidification devices;
- Outdoor sources such as radon, pesticides, and outdoor air pollution.
- Pollutants from motor vehicle exhausts; plumbing vents, and building exhausts.

#### Effects of Indoor Air Pollution :

The term "sick building syndrome" (SBS) is used to describe situations in which building occupants experience acute health and comfort effects that appear to be linked to time spent in a building, but no specific illness or cause can be identified. The complaints may be localized in a particular room or zone, or may be widespread throughout the building.

- Immediate effects may include irritation of the eyes, nose, and throat, headaches, dizziness, and fatigue.
- Some diseases, including asthma, hypersensitivity pneumonitis, and humidifier fever, may also show up soon after exposure to some indoor air pollutants.



### Solution :

Globally Accepted Advance Air Ozonation Treatment.

#### Salient Features :

- Portable units of different capacities.
- On line main stream & side stream AHU duct mounted for any air flows.
- Regulation of IAQ with integrated Auto VOC & ozone Sensor with Variable Load controller.
- The Sensor shall be factory calibrated to Isobutylene gas.
- Pre-settable VOC & ozone concentration.
- Easy to install or retrofit.
- The sensor shall be compatible for interfacing with the Automated building Management System.
- In the event of power failure, or if the system is turned off, the Sensor shall retain the preset sensitivity.

#### Benefits & Advantages - Air Ozonation :

- Eliminates VOCs.
- Treat odors - Strongest oxidant available.
- Eliminates molds, fungal, bacteria & viral contaminations.
- Safe to operate & handle.
- Easily generated onsite using electricity.
- Energy Saving - Intake of Fresh Air is significantly reduced (estimated up to 40%).

