Maintaining clean, fresh air is essential to life, and many industrial processes cause pollutants, contaminants, and nuisance odors in the atmosphere and in the immediate environment. Our proprietary germicidal UVC technology offers OEMs affordable and effective solutions for both air sterilization and odor control.

**Cost-efficient Air Sterilization and Odor Control Technology**

**Air Sterilization**

UV technology provides air sterilization from transmissible agents, fungi, bacteria, viruses, and spores. A UV germicidal lamp integrated in a hospital air conditioning system will sterilize pathogens that cause illness and contaminants that aggravate asthma and other respiratory ailments. In general, air conditioners are breeding grounds for harmful organisms that cannot be treated with filters alone, risking health in locations such as burn centers, and methadone and TB clinics.

In industries that require a sterile and clean environment, UVC is utilized to reduce the amount of ‘live’ organisms in the air, such as in scientific laboratories. Here it may also sterilize equipment and surfaces when employees are not in the room.

Printing, plastics and rubber, or wood and surface treatment industries produce harmful and toxic chemicals and sterilization of air offers many benefits. Germicidal lamps in sterilization units are used to protect the health of workers by reducing or eliminating VOCs and industrial exhausts containing solvents.

**Odor Control**

There are many areas of application for germicidal UVC odor control, including wastewater plants, farms, commercial kitchens (HVAC), kennels, food processing plants, or in any circumstance where odor is a byproduct of operations.

For many industries, odor control can help to reduce the extra time and money spent on nuisance complaints. At wastewater plants, for example, hydrogen sulfide-based odors are a concern for operator safety and an annoyance to nearby residences or public facilities.

LightSources and our affiliated companies represent the leading high-tech designers and manufacturers in the lamp industry today. Our products are used world-wide in a multitude of applications and industries such as our UV germicidal lamps that offer patent-protected, OEM-oriented solutions. We invite you to learn more about our proprietary solutions for odor control and air sterilization.