

## Germicidal uv lamp

Germicidal or Ultraviolet Germicidal Lamps are used to:

Disinfect Air and Water; Cureinks and coatings, disinfect foods and destroy pollutants in water and air through UV-based "advanced oxidation".

UV Energy can be effective in killing biological contaminants such as mold/Fungi, bacteria and viruses.

For Air disinfection, lamps are typically placed inside air handling ducts, mobile room air cleaning units and in special fixtures mounted toward the ceiling in rooms

The most common applications are in hospital and health care facilities, food processing plants, shelters, prisons, and other commercial uses where it is important to eliminate biological contaminants. The target wavelength for most ozone-free air purification applications is 254 nanometres.

For water purification, ozone producing wavelengths are included and the target is 185 nanometres.

