

# Germ-Zapper

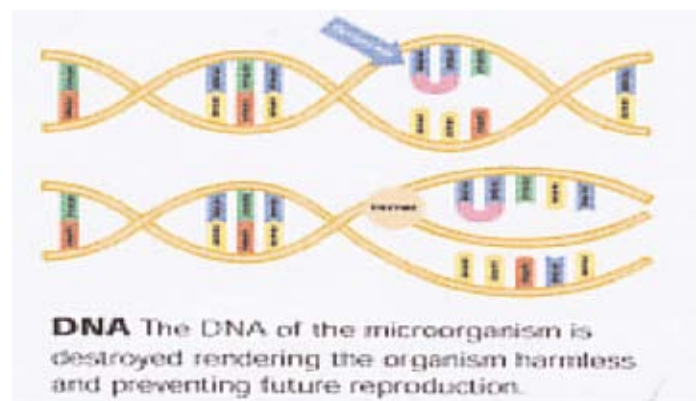
## ULTRA VIOLET GERMICIDAL IRRADIATOR



UV energy is found in the electromagnetic spectrum between visible light and x-rays and is sometimes described as invisible radiation. Germicidal protection is delivered at 254 nanometers in the light spectrum and is known as UVC.

Its photons have just the right wavelength to physically destroy the DNA of microorganisms. It is a safe, tested technology that uses lamps, similar to fluorescent tubes, to generate UVC light to kill bacteria, viruses and mold spores. UVC light penetrates the outer cell membrane of the microorganism, passes through the cell body, reaches the DNA and alters the genetic material. Without chemicals the microorganism is destroyed and is unable to reproduce.

UVC is effective against Mycobacterium tuberculosis (TB), Legionella pneumophila (Legionnaire's Disease), and other airborne infectious microbes. UVC reduces the effects of "sick building syndrome" by significantly reducing the bacteria count in the room. Germ-Zapper is designed to be wall mounted, above eye level, preferably 2 metres from the floor. It does not produce ozone or other noxious fumes and will not harm building occupants so long as there is no direct skin or eye contact with the UVC light. "



### TYPICAL APPLICATIONS

Classrooms • Offices • Food preparation Areas  
• Food Factories • Gymnasium • Clinics •  
Kitchens Etc

### SPECIFICATIONS

Length	400mm
Width	106mm
Height	90mm
Weight	1.2Kg
Power Input	230 Volts AC
Lamp Power	15 Watts
Coverage	Up to 20 Sq Metres

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