

UVC Light Technology



WHAT IS UVC LIGHT?

UV-C, also known as Ultraviolet Germicidal Irradiation (UVGI), is the germicidal wavelength released by the sun. Fortunately, almost all UV-C rays are blocked by the atmosphere and typically do not reach the earth's surface, negating the harmful effects that many organisms would experience through prolonged exposure.

However, there are certain benefits to using UV-C light in various applications. Scientists have found ways to reproduce these UV-C rays in UV light bulbs. This light targets the invisible enemy, that army of micro-organisms, viruses, bacteria, fungus, and other germs, that can be found in our workspaces and homes. By simply exposing your living or working areas to UV-C rays, you can effectively sanitize the surfaces, objects, and air within, ridding yourself from the threat of exposure to harmful micro-organisms, bacteria, and pathogens.

HOW DOES IT WORK?

UV-C light can effectively kill pathogens by destroying nucleic acids, which disrupts the DNA contained within the pathogens itself. The micro-organism dies shortly after being exposed to a UV-C light source with a germicidal wavelength of 254 nanometers. UV-C based sanitation is excellent for salons, mobile grooming, kennels, daycares and veterinarian facilities.

Ultraviolet Light

