

E.L. Foust Co., Inc.

Research And Reliability In Air Purification Since 1974

WHAT'S NEW ON-LINE STORE EDUCATION CONTACT HOME
 AIR PURIFIERS • WATER FILTERS • HVAC FILTERS • HOME/ENVIRONMENT

Welcome to the Foust Family!

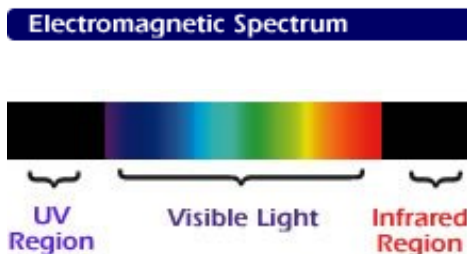
FOUST * AFM * EVERPURE * MULTIPURE * HURLEY *
 DENNYFOIL * SHURTAPE * REEL TAPE
 * SUPER-DRY DEHUMIDIFIER * NILFISK * FACE MASKS * E-Z-1
 * PHENOSEAL * FRANMAR * NITRILE GLOVES
 * SOLUTIONS-4-YOU * LINKS PAGE * TESTIMONIALS * BOOKS
 * SALE ITEMS *

Series 400 UV Light

Ultraviolet light is nature's way of controlling microorganisms. Outdoors, germs are naturally regulated by the ultraviolet light from the sun.

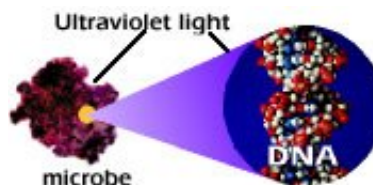
How the Ultraviolet air disinfection system reduces microorganisms indoors

The UVS and UVE-Series equipment produces ultraviolet light at the specific wavelength of 254nm (nanometers). At this wavelength the UV light is most effective at inactivation. As an airborne microorganism passes through your heating and/or air conditioning system, the UV light from a UVS/UVE-Series unit penetrates the organism's membrane and alters its genetic material (DNA). With altered DNA, the microorganism will no longer be able to reproduce—making it effectively harmless. Further, without the ability to reproduce, and due to the short lifespan of most microorganisms, the population of them in the air diminishes rapidly and dramatically.



The ultraviolet region of the electromagnetic spectrum has a frequency just below visible light.

How UV light affects DNA



When DNA is exposed to UV light, its chemical bonding characteristics are altered so that cell reproduction no longer takes place - rendering the microbe harmless.

We are always happy to take the time to help you with your specific air or water problem. Please contact us by phone, fax, e-mail or snail mail and we will be happy to assist you. Click [here](#) for a map of our location

754 Industrial Drive
 PO Box 105
 Elmhurst, IL. 60126
 Phone US/CANADA: 1-800-EL-FOUST (353-6878)
 Phone all other countries: 1-630-834-4952
 Hours: 9:00-4:30 CST
 Fax: 630-834-5341
sales@foustco.com

