

IMPROVE INDOOR AIR QUALITY IN COMMERCIAL BUILDINGS WITH ULTRAVIOLET GERMICIDAL IRRADIATION (UVGI)

WHAT IS UVGI?

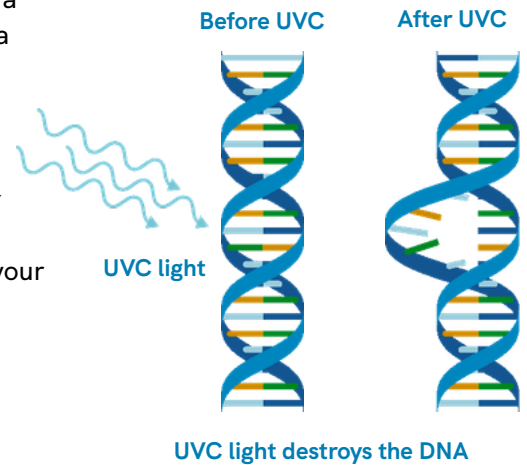
Ultraviolet Germicidal Irradiation uses short-wavelength UV light to kill or inactivate microorganisms and can be used as UVC light destroys the DNA a disinfection method by breaking down the DNA of harmful viruses, bacteria and mold spores.

IN-DUCT DISINFECTION

UVGI can be applied within HVAC systems to help disinfect air with proper placement of UV lamps within a building's ductwork. Contact a qualified professional to determine the appropriate disinfection system to install in your facility.

AVAILABLE REBATES

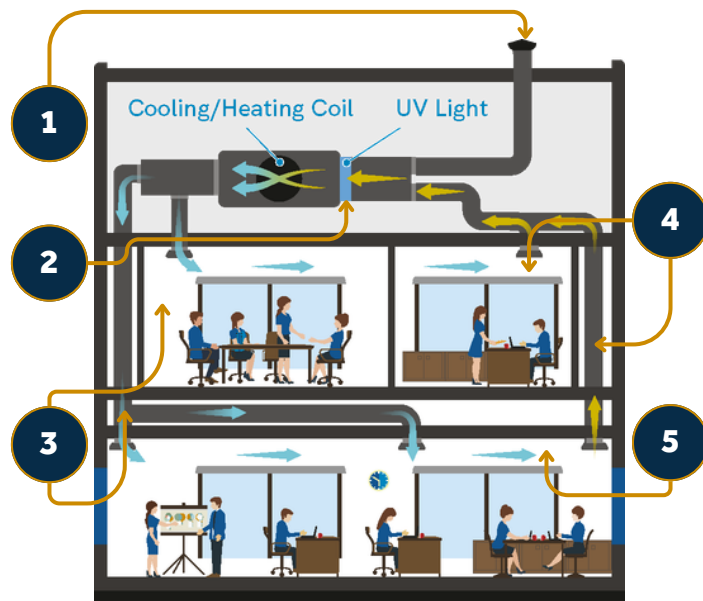
\$30 per ton of HVAC capacity — must be installed in the supply, return or mixed air stream of the HVAC unit. Systems designed specifically for coil defouling are not eligible please refer to ASHRAE's Filtration/Disinfection COVID-19 webpages for "UV-C In-Duct Air Disinfection" guidelines.



1 Outside air dilutes indoor pollutants and CO2 concentration.

2 UVC light inactivates viruses, bacteria and mold spores. Mixed air stream installation shown.

3 Filtered air added to space dilutes particulate matter, viral and bacterial concentration in the air. THE AIR DOES NOT HAVE GERMICIDAL PROPERTIES.



4 Air circulates back through the filtration system to mitigate the increase in pathogen concentration and meet heating and cooling needs of the building.

5 Viruses and bacteria become suspended in the air as infected persons exhale. Without continued air disinfection and/or fresh air dilution, the concentration may increase.

Contact a qualified professional to determine the appropriate disinfection system to install in your facility. Contact your SRP Strategic Energy Manager to learn more.