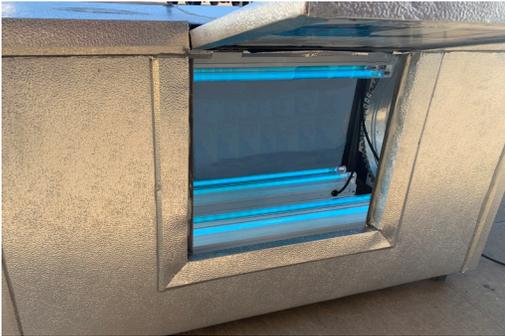


AIRrowSwift 5000

uv-c hvac treatment system

Apache Technical Services develops and delivers engineered products to reduce infinitesimally small risks at the greatest possible scale.

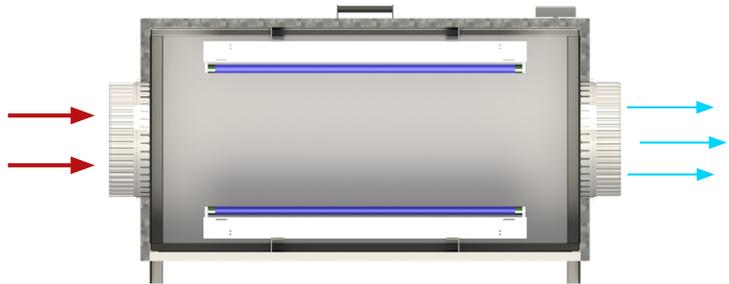
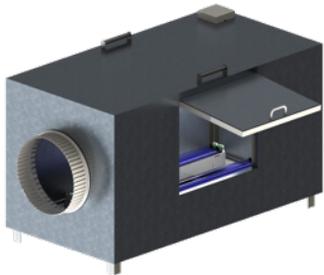
We create safer spaces with advanced technical solutions.



The science of the AIRrowSwift incorporates UV-C technology into existing air conditioning and filtration systems for small buildings, warehouses, as well as tents, trailers, and other facilities. The UV-C technology eradicates particles and viruses in the air as it passes through the AIRrowSwift chamber prior to allowing them to circulate through air vents.

The AIRrowSwift destroys dangerous microorganisms in the air.

- Sterilizes air entering occupied spaces such as tents, shops, small buildings, and warehouses
- Placed in-line as part of an external A/C package
- UV-C technology decontaminates air as it passes through
- Fully encased in 1-inch thick closed-cell insulation
- Four 30-Watt Germicidal UV-C Bulbs



All SafeSpace products are available for PURCHASE and FULL-SERVICE DELIVERY from Apache Technical Services.

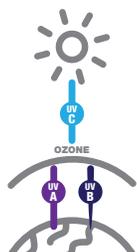
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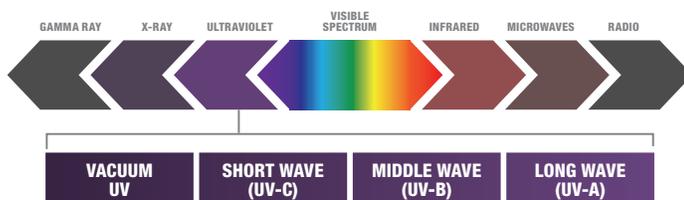
apache technical services
a division of apache industrial services

UV-C Light Technology Explained

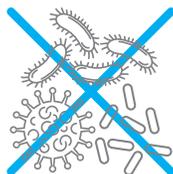
UV-C light is already being used in hospital and industrial settings to decontaminate equipment, rooms, and water. Learn more about what it is and how it works to destroy dangerous microorganisms:



UV-C light encompasses a wavelength range of 200 to 280 nanometers (nm), and at certain wavelengths (between 222 and 254 nm approximately), UV-C light is germicidal and proven effective in destroying dangerous microorganisms.



Exposure to UV-C light breaks down cell walls, reaches the cell's DNA and RNA, initially inactivating the cell from multiplying. With increased exposure, light continues to break down the organic material, destroying the cell entirely.



Studies have proven that UV-C light is effective in destroying viruses and bacteria (salmonella, E. coli, cold and flu strains), and molds, not only on hard surfaces but in the air as well.



Ultimately, UV-C decontamination is most effective when used in conjunction with standard cleaning protocols.

“UV light, specifically between 200-280nm[j] (UVC or the germicidal range), inactivates (aka, ‘kills’) at least two other coronaviruses that are near-relatives of the COVID-19 virus: 1) SARS-CoV-1 and 2) MERS-CoV.” **cdc.gov**

“UVC light is highly effective at killing bacteria and viruses by destroying the molecular bonds that hold their DNA together.” **Columbia University Medical Center**

Numerous studies show that [UV] is effective at reducing hospital- acquired infections and combating so-called superbugs. In 2014, one Texan hospital used it in the clean-up after an Ebola case. More than 500 healthcare facilities, mostly in the US, have the machine. In California and Nebraska, it has already been put to use sanitizing hospital rooms where coronavirus patients received treatment. **BBC**