

The Hatchet

freestanding UV-C lamp system

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

We create safer spaces with advanced technical solutions.



WARNING:
Never look directly at UV-C light

Introducing Apache SafeSpace Solutions' Hatchet. **The Hatchet** is a freestanding UV-C lamp system designed to inactivate microorganisms in the air and on surfaces. The Hatchet includes four 18-inch 15-watt lamps, is remote controlled, and runs on 110-volt power. It is designed to provide 360° illumination, operate continuously, and provide thousands of hours of protection.

Apache SafeSpace Solutions Hatchet features:

- Constructed using lightweight aluminum
- Portable, easy to move and position
- Ideal for classroom and offices
- Remote operated
- 110 – VOH Three-Prong Plug

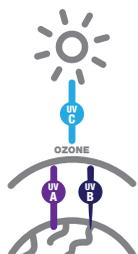


To learn more, visit:
www.apachesafespace.com

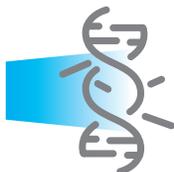
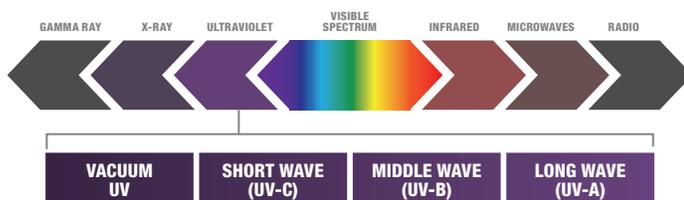
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UV-C Light Technology Explained

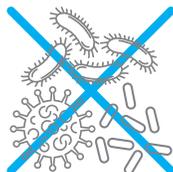
UV-C light is already being used in hospital and industrial settings to decontaminate equipment, rooms, and water. Learn more about what it is and how it works to destroy dangerous microorganisms:



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[i] (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](https://www.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](#)

“The entire UV spectrum can kill or inactivate many microorganisms, but UVC energy provides the most germicidal effect.” [ASHRAE Journal, August 2008](#)