

Emerging Disinfection Devices and Applicators

These devices are not recommended

Be careful of purchasing or using any devices or product applicators within your facility. There is an increase in illegal disinfection claims and devices for products entering the market. Contact EH@douglas.co.us with any questions.

Devices – use physical means to destroy, trap, or kill bacteria and viruses.

UV Devices
Ozone devices

Plasma Generators
Radio Frequency

Gamma Radiation
Other Devices

Product Applicators- apply chemical means to destroy or prevent bacteria and viruses.

Electrostatic Sprayers

Foggers

Misters

If used, the chemical products used in product applicators must:

- Have instructions specifically for use with the product applicator.
- Be used as outlined in the manufacturer's labeled instructions.
- Only be applied when the space is empty.

Concerns

These products:

- Are unnecessary when other approved products are used.
- Cannot be used in place of routine sanitization or disinfection.
- Have little research on the efficacy and long-term effects.
- Can lead to dangerous indoor air quality conditions.
- Use products that are known asthma triggers, especially for children.
- Are sometimes illegal or have not been thoroughly reviewed.
- Can be expensive.
- Are difficult to use in a safe and effective manner.

Misuse of chemicals can cause a variety of health and safety concerns and is a violation of Federal Law.

