

Emerging Disinfection Devices & Applicators

New emerging devices are not recommended

Use caution before purchasing or using any devices, products or applicators within your facility. There has been an increase of illegal disinfection claims and devices for products entering the market.

Please contact EHchildcare@tchd.org if you have any questions.

Devices - use physical means to destroy, trap, or mitigate bacteria and viruses.

UV Devices	Plasma Generators	Gamma Radiation
Ozone Devices	Radio Frequency	Other Devices

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

Electrostatic Sprayers	Foggers	Misters
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If used, the chemical products used within these product applicators must:

1. Have instructions to be used specifically with the product applicator.
2. Be applied at concentrations, frequencies, and other specificities outlined in the manufacturer's labeled instructions.
3. Not be applied while others are in the space.

Concerns

These products:

- Are unnecessary when other [approved products](#) are used.
- Cannot be used in place of routine sanitization/disinfection.
- Have little research on 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.

