

# UVC Tower Elite

Leveraging the power of light to protect the world from coronavirus.

**SERIES T**  
UVC Tower Elite  
Model STEL



## PRODUCT DESCRIPTION

The Safeology UVC Tower Elite offers peace of mind by leveraging the science of light to create clean, pathogen-free spaces. With Safeology, you can safely, quickly and efficiently eliminate up to 99.9% of surface and airborne pathogens<sup>1</sup>, helping you create a clean, worry-free environment.

## SOFTWARE SOLUTION

Only Safeology offers a proprietary Software Suite featuring a cloud-based web solution for back-end system management, including real-time tracking and control, disinfection validation, remote software updates, AI safety monitoring, and lamp efficacy and maintenance data. Our custom mobile app provides a user-friendly interface for easy provisioning, tower control, and cycle completion notification. In addition, our computer-aided modeling can calculate the required UVC dosage for any space.

## SPECIFICATION STATEMENT

Solution shall consist of a UVC Tower that uses 253.7 nm UVC light to inactivate pathogens such as viruses, bacteria and spores. Dosage must be based upon genome modeling and include computer-aided computation for time requirements for specified room sizes<sup>1</sup>. Tower must be effective in achieving a Log 3 (99.9%) reduction of pathogens in direct line of site. Safe operation must be ensured through built-in PIR sensors with auto-shutoff, audio warnings, in-person authentication and artificial intelligence (AI) safety monitoring. Solution must use cloud-based web and mobile software application to ensure safe operation.

# The most complete UVC disinfecting solution available.

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### FIXTURE

- Dimensions: 23" w x 76" h
- 360° emittance for optimized coverage and reduced shadowing
- Six high-output shatter-resistant amalgam 253.7 nm UVC lamp emitters
- Up to 12,000 hours lamp life at 85% UVC intensity
- 76" high to maximize disinfection coverage area
- 23" weighted base for superior stabilization
- Five 4" multi-directional casters, including a pair of total-lock casters for secure storage
- Status indicator light to signify modes of operation
- Stainless steel, powder-coated steel, and aluminum construction
- Ergonomically positioned grab handles for easy movement
- Integrated lamp life sensor
- Wi-Fi wireless cloud-based control and monitoring

- Audio start warning
- Made in America with U.S. and global components

### ELECTRICAL

- 120V AC, 60Hz, up to 6 amps
- Up to 720 watts power consumption
- 25' power cord

### TECHNOLOGY

- Wi-Fi control with direct provisioning
- Imbedded computer automation
- 7" touch tablet with integrated wireless charger

### SOFTWARE

- Cloud-based back-end management
  - Real-time tracking
  - Room-based cleaning validation
  - Centralized monitoring and control
  - Remote software updates
  - Lamp efficacy and maintenance monitoring
  - Artificial Intelligence (AI) safety monitoring
- Mobile application operations
  - User-friendly interface
  - Easy provisioning
  - Simple control
  - Cycle completion notification
- Computer-aided modeling
  - UVC dosage analysis for any space

### SAFETY

- In-person software lock and key authentication
- UVC lamp startup audio warning
- Artificial Intelligence (AI) pre-initiation room scanning

- Top light indicator for operational modes
- Delay-start timer
- 3 PIR sensors with 360° coverage for auto shutoff when movement is detected
- Automatic-off if Tower is tipped
- Shatter-resistant lamp protection
- No ozone
- Outside room warning stand

### CERTIFICATIONS

- EPA-registered manufacturing facility
- Conforms to UL Standard 153
- FCC compliant
- Patent pending

### SUPPORT

- 3-year warranty
- Implementation training
- Maintenance and Software service plans
- Remote access customer service
- Field service
- Technical support

### Important Information

The Tower Elite's effectiveness in the deactivation of certain viruses, bacteria, protozoa, fungi or other harmful micro-organisms is as described above. Safeology does not warrant or guarantee that the use of the product will protect any user from or prevent infection and/or contamination with any viruses, bacteria, protozoa, fungi, illness or disease. The units are not approved as medical devices by the FDA. As such, the Tower Elite is not used to disinfect medical devices. Safeology shall not be liable for any claim or damage that may arise from or relate to any use of this product outside its intended use or contrary to operation instructions, user manuals or mounting instructions.

### Safety Warning

**DANGER:** UVC lamps must be installed and used in the correct manner. Direct exposure to UVC can be dangerous and result in serious damage to the skin and corneas (eyes). UVC lamps must be installed in the Tower Elite in strict accordance with the requirements stated in the user manual or instructions. Safety switches should never be disabled. The Tower Elite must only be sold and installed by professionals.

<sup>1</sup> The term pathogens, as used in Safeology literature, refers to the broader category of disease-producing germs, including viruses, bacteria and spores. While UVC light has been proven effective in inactivating or eliminating various pathogens, the dosage of UVC exposure (UVC intensity over time) required to do so may vary by pathogen type. Pathogens, in general, require different levels of exposure for disinfection. Some can be inactivated relatively quickly, while others require longer exposure to UVC.