




Complete Sterilization in Record Time

The Invictus Solar Flare has been designed for rapid sterilization using germicidal ultraviolet (UV-C) exposure for air and surface disinfection. The Solar Flare provides 850W of high-intensity UV-C irradiation and can achieve a 4-log sterilization of a 20ft x 20ft room in under 7 minutes. This drastically reduces the sterilization time and time a room remains unoccupied. The upper tower sanitizes a broader and higher area, and the lower base reaches the floor and under beds and tables.

The Solar Flare Overview:

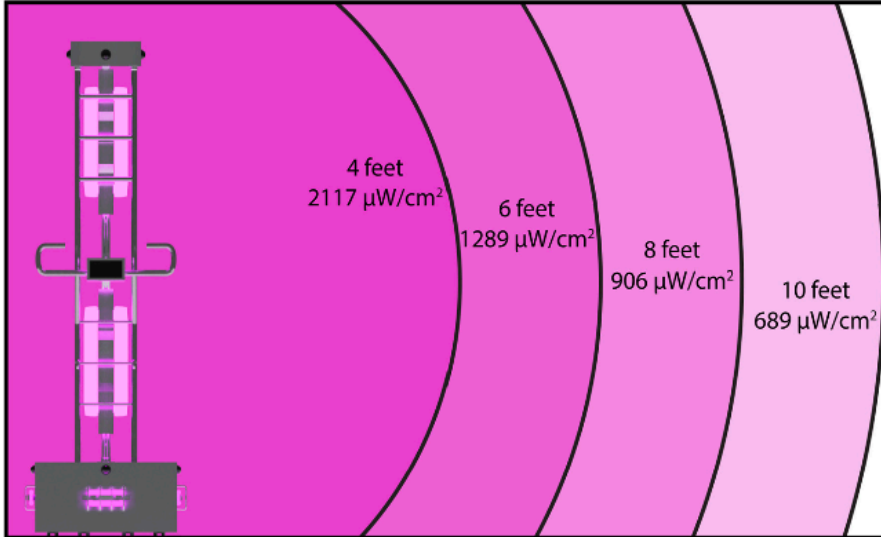
- Tall 78" profile to sanitize higher areas and deliver a more complete room sterilization
- Ground-level UV-C emitting lamps to minimize shadowing and sterilize underneath hospital beds, chairs, and other furniture/equipment
- Easy-to-use touchscreen with safety authorization
- The ability to deliver better than a 4-log sterilization factor to inactivate/kill 99.99% of all bacteria, mold, and viruses (including SARS-CoV-2).
- Multiple safety features to ensure no harmful human exposure
 - * Activation only by authorized personnel
 - * Utilizes 360-degree motion sensors to immediately turn off the tower if occupancy is detected.
 - * Warning strobe lights provide a visual indication regarding the status of the sanitation process.

Performance	Features	Technical Specifications
<ul style="list-style-type: none"> • 360-degree coverage • 4-Log sterilization in under 7 minutes • Sterilization proven against <ul style="list-style-type: none"> * CDIF, VRE, MRSA * Gram positive * Gram negative • Multiple vertical-oriented UV-C lamps to provide vertical surface sterilization to 10 feet and beyond • Ground level horizontal-oriented UV-C lamps to achieve horizontal surface sterilization to 10 feet 	<ul style="list-style-type: none"> • Induction UVC tubes over twice as strong as fluorescent tubes • Easy-to-use LCD Touchscreen • Redundant safety sensors • 4-way LED warning strobe • Stainless steel construction • Hospital-rated ball-bearing rotating and locking casters • Up to 60,000-hour lamp-life • Multiple units can be used in various spacing configurations to ensure maximum coverage • 5-year warranty 	<ul style="list-style-type: none"> • Voltage: 120V @ 60Hz • Cord Length: 20 ft • Wattage: 900W • Weight: 125 lbs • Dimensions: 26 in x 27.5 in x 79.4 in • 600-μW/cm² delivering 360-mJ/cm² of UV dosage at 10 ft • 5-9 minute sterilization cycle for rooms up to 400 ft² 



Invictus Solar Flare

Invictus Solar Flare
 Mobile UV-C Large Area
 Sterilization Tower
 UVAVX-XXXXXX-XXX



J/cm	8 ft.	10 ft.
5 min	373 J/cm	207 J/cm
10 min	544 J/cm	414 J/cm
15 min	815 J/cm	620 J/cm
20 min	1087 J/cm	827 J/cm