

Arc

On-Demand UV-C Disinfection

Improve indoor health with the industry's most cost-effective mobile UV-C tower.

Performance

Achieve 99.9%+ reductions of harmful microorganisms* in minutes. Enhance your disinfection strategy beyond chemicals, which miss up to 50% of surfaces.

ROI

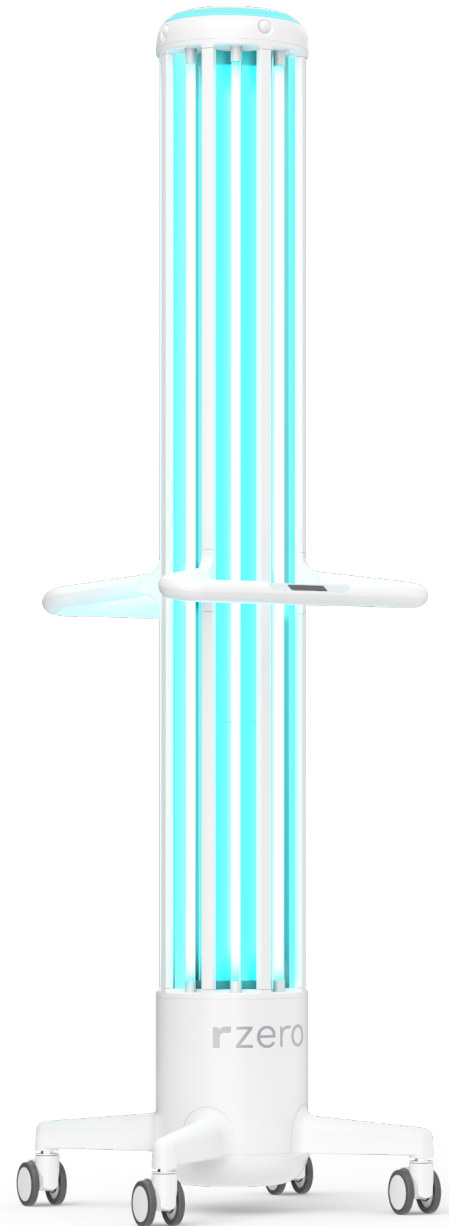
Protect all of your spaces. Being 2-5x more cost-effective than UV-C competitors allows a step-function increase in potential deployment.

User-friendly Design

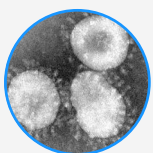
Fits seamlessly into janitorial operations and requires minimal training. Dimensions and weight enable easy movement through doors and in elevators. Silent operation avoids disrupting nearby occupants.

Connected Platform

R-Zero's software platform, Connect, integrates data from all devices, extracts insights, and manages workflows. Location and duration of each Arc cycle is recorded can be shared in reports to key stakeholders. Text-based notifications can operators to run needed cycles.

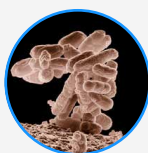


Independently validated to inactivate 99.99% of microorganisms in 7 minutes or less*



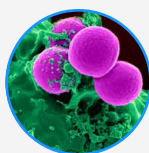
99.9%

Human coronavirus



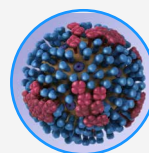
99.99%

E. coli



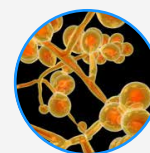
99.99%

MRSA



99.99%

Influenza A (H1N1)



99.9%

Candida auris



99.9%

C. difficile

On-Demand UV-C Disinfection

Germicidal Light Engine

UV Source	8 high-output lamps
Posterior Reflectors	8 aluminum reflectors
Light Distribution	360°, floor to ceiling
Rated Lamp Life	16,000 hours
Wavelength	254nm
Room Size	Can accommodate any room size.

Controls

On Unit	Integrated OLED display
Remote Operation	Web interface, SMS notifications
Cycle Times	1 - 60 min
Typical Cycle Time	3-10 minutes
Connectivity	LTE-M

Electrical

Input Voltage	120V AC
Current	12A
Total Power Consumption	1,440W
Power Connection	Standard 3-prong wall outlet

Physical

Height	78"
Base	24" x 24"
Weight	75 lb
Handles	2 ergonomic push/pull
Wheels	4 large 3" locking casters

Environmental

Indoor/Outdoor	Indoor only
Altitude	0-3000m
Temperature	10-40C
Relative Humidity	10-90%

Regulatory

Current Certifications	UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471
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Safety

Pre-Cycle Countdown	30 sec
Motion Sensors	4 long-range PIR sensors
Cycle Interruption	Auto-off and auto-resume