

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

Resterior Reflectors Relight Distribution Rected Lamp Life Recommitte Recommi	JV Source	8 high-output lamps
Select Lamp Life 15,000 hours Action Size 25,4mm Controls Contr		
Rated Lamp Life 10,000 hours 12,54mm 25,4mm 10,000 hours 12,54mm 10,000		
Controls Contro	Rated Lamp Life	
Controls On Unit Integrated OLED display Remote Operation Web interface, SMS notifications Cycle Times 1-00 min Typical Cycle Time 3-10 minutes Connectivity LTE-M Electrical Input Voltage 120V AC Courrent 12A Total Power Consumption I,440W Power Connection Standard 3-prong wall outlet Physical Height 78* Base 24* X 24* Weight 75 lb Handles 2ergonomic push/pull Wheels 1argon STOCK STOC	Wavelength	254nm
Remote Operation Cycle Times 1 - 60 min Typical Cycle Time Connectivity LITE-M Electrical Input Voltage Current 12A Total Power Consumption Physical Height 78* Base 24* x 24* Weight Hondles 2 ergonomic push/pull Wheels 4 large 5* locking costers Environmental Indoor/Outdoor Altitude 0 -3000m Temperature Regulatory Current 10 minutes 11-60 min 12-60 minutes 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7 12-7	Room Size	Can accommodate any room size.
Remote Operation Scycle Times 1 - 60 min Typical Cycle Time 2-10 minutes Connectivity ITE-M Electrical Input Voltage 128V AC Current 12A Total Power Consumption Physical Height 88ase 24" x 24" Weight 175 10 Hondles 2 ergonomic push/pull Wheels 1 darge 3" locking casters Environmental Indoor/Outdoor Altitude 10-90% Regulatory Current 10-60 min 11-60 min 1-60 m	Controls	
1 - 60 min	On Unit	Integrated OLED display
Typical Cycle Time Connectivity LTE-M Electrical Input Voltage 120v AC Current 12A Total Power Consumption 1440W Power Connection Physical Height 78* Base 24* x 24* Weight Handles 2 ergonomic push/pull Wheels 4 large 3* locking costers Environmental Indoor/Outdoor Altitude 0 -3000m Temperature Relative Humidity Regulatory Current Certifications UL 61010 (CSA22.2), UL 867 (Gzone), FCC Part 15 8, IEC 82471 Safety Pre-Cycle Countdown 3 2000 AC LICE ACC LICE	Remote Operation	Web interface, SMS notifications
Connectivity Electrical Input Voltage 120V AC Current 12A Total Power Consumption 1440W Power Connection Physical Height 8888 24* x 24* Weight 78 b Hondles 2 ergonomic push/pull Wheels 4 large 3* locking casters Environmental Indoor/Outdoor Indoor only Altitude 0-3000m Itemperature Relative Humidity 10-90% Regulatory Current Certifications Use Countdown 10 sec	Cycle Times	1 - 60 min
Input Voltage 120V AC Current 12A Total Power Consumption 1440W Power Connection Standard 3-prong wall outlet Physical Height 78" Base 24" x 24" Weight 75 lb Handles 2ergonomic push/pull Wheels 4large 3" locking casters Environmental Indoor/Outdoor Indoor only Altitude 0-3000m Temperature 10-40C Relative Humidity 10-90% Regulatory Current Certifications Us 16010 (CSA222), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 1524	Typical Cycle Time	3-10 minutes
Current 12A Total Power Consumption 1,440W Power Connection Standard 3-prong well outlet Physical Height 78* Base 24* x 24* Weight 75 lb Handles 2 ergonomic push/pull Wheels 4 large 3* locking costers Environmental Indoor/Outdoor Indoor only Altitude 0-3000m Temperature 10-40C Relative Humidity 10-90% Regulatory Current Certifications UL 61010 (CSA222), UL 867 (Ozone), FCC Part 15 B, EC 62471 Safety Pre-Cycle Countdown 30 sec	Connectivity	LTE-M
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 (CSA222), UL 867 (Ozone), FCC Part 15 B, EC 62471 Safety Pre-Cycle Countdown 30 sec	Electrical	
Total Power Consumption 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 Relative Humidity 10-90% Regulatory Current Certifications UL 61010 (CSA222), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 10-40C	Input Voltage	120V AC
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 (CSA222), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Current	12A
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 (CSA222), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Total Power Consumption	1,440W
Height Base 24" x 24" Weight 75 lb Handles 2 ergonomic push/pull Wheels 4 large 3" locking casters Environmental Indoor/Outdoor Altitude 0-3000m Temperature Relative Humidity 10-90% Regulatory Current Certifications UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Power Connection	Standard 3-prong wall outlet
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 (CSA222), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Physical	
Weight Handles 2 ergonomic push/pull Wheels 4 large 3" locking casters Environmental Indoor/Outdoor Altitude 0-3000m Temperature Relative Humidity 10-90% Regulatory Current Certifications UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Height	78"
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, EC 62471 Safety Pre-Cycle Countdown 30 sec	Base	24" x 24"
Environmental Indoor/Outdoor Altitude O-3000m Temperature Relative Humidity Regulatory Current Certifications UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 4 large 3" locking casters Indoor only Indoor only O-3000m Indoor	Weight	75 lb
Environmental Indoor/Outdoor 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 Safety Pre-Cycle Countdown 30 sec	Handles	2 ergonomic push/pull
Indoor/Outdoor 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 Safety Pre-Cycle Countdown 30 sec	Wheels	4 large 3" locking casters
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 Safety Pre-Cycle Countdown 30 sec	Environmental	
Temperature 10-40C Relative Humidity 10-90% Regulatory Current Certifications UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Indoor/Outdoor	Indoor only
Regulatory Current Certifications UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Altitude	0-3000m
Regulatory Current Certifications UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Temperature	10-40C
Current Certifications UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471 Safety Pre-Cycle Countdown 30 sec	Relative Humidity	10-90%
Safety Pre-Cycle Countdown 30 sec	Regulatory	
Pre-Cycle Countdown 30 sec	Current Certifications	UL 61010 (CSA22.2), UL 867 (Ozone), FCC Part 15 B, IEC 62471
	Safety	
Motion Sensors 4 long-range PIR sensors	Pre-Cycle Countdown	30 sec
	Motion Sensors	4 long-range PIR sensors