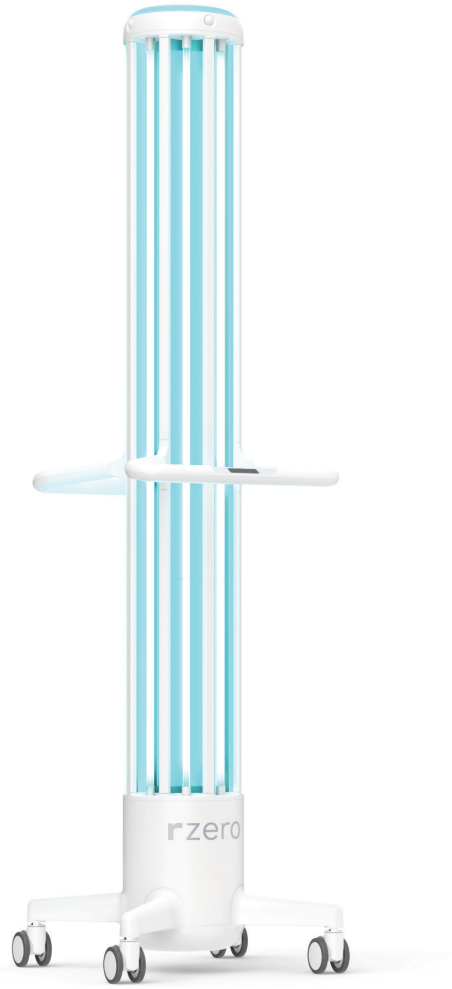
R-Zero Arc

Hospital-grade surface and air disinfection with UV-C

rzero

The first germicidal UV system designed for dynamic environments, Arc destroys harmful pathogens—including human coronavirus, influenza, norovirus and E. coli—in less than 7 minutes.



Highly Effective

Hospital-grade UV-C power, disinfects everything the light touches—floors, ceilings, walls, furniture, air…everything. Proven to destroy 99.99% of surface and airborne pathogens in a 1,000 ft.^{2} room in just 7 minutes.

Safer Than Chemicals

Environmentally-friendly UV-C reduces chemical consumption and exposure, and is safe to use around food surfaces, electronics, furniture and more.

Cost Effective

UV-C disinfection eliminates the need for costly chemical refills, PPE, dedicated operators and other safety equipment. UV-C requires none of those and takes far less time.

The science that makes everyday spaces better

>99.99%	99.99%	99.99%	>99.99%
Human Coronavirus	E-Coli	MRSA	Feline Calicivirus

Naturally simple. Incredibly intuitive.

1. Roll it into a room
2. Position and plug it in
3. Set the timer
4. Press start
5. Exit the room
6. Return to a clinically clean room

Evaluation of Virucidal Efficacy of Three Arc Devices Versus Two Viral Strains*

A recent study concluded the R-Zero Arc reduced the infectifity of Human Coronavirus, strain 229E and Feline Calicivirus, strain F9 by an average of 99.99% following a 7 minute exposure at a distance of 8 feet.

Microorganism Species ATTC #	HUMAN CORONAVIRUS, STRAIN 229E ATCC #VR-740	FELINE CALICIVIRUS, STRAIN F9, SURROGATE FOR HUMAN NOROVIRUS FCV; ATCC #VR-782
Distance	8 FT	8 FT
Exposure Time	7 MIN	7 MIN
Log Reduction	>3.833 >3.833 >3.833	4.917 4.833 4.833
Percent Reduction	>99.99 >99.99 >99.99	>99.99 >99.99 >99.99
Average Percent Reduction	>99.99%	>99.99%

Evaluation of Antibacterial Efficacy of Three Arc Devices Versus Two Bacterial Strains†

A recent study concluded the R-Zero Arc reduced the microbial populations of Escherichia coli and Staphylococcus aureus MRSA by an average of 99.99% following a 7 minute exposure at a distance of 8 feet.

Microorganism Species ATTC #	ESCHERICHIA COLI ATCC #25922	STAPHYLOCOCCUS AUREUS MRSA ATCC #33591
Distance	8 FT	8 FT
Exposure Time	7 MIN	7 MIN
Log Reduction	1.95×10^6 1.95×10^6 1.95×10^6	2.03×10^6 2.03×10^6 1.64×10^7
Percent Reduction	99.99 99.99 99.99	99.99 99.99 99.99
Average Percent Reduction	99.99%	99.99%

*Study ID Number: 2005308-404 †Study ID Number: 2006455-204

Specifications

Physical

- Made in the USA
- 78″ high for floor to ceiling coverage
- 24″ base with 4 legs for maximum stability
- Weight: 75 lbs.
- LED status light to communicate state of operation
- Aircraft-grade aluminum construction
- Two ergonomic handles for easy movement
- Integrated OLED interface for simple operation
- Arctic White, antimicrobial, UV-C resistant paint
- Four 3″ multi-directional locking casters for effortless movement

Lighting Array

- Eight maximum output UV-C lamps
- Up to 16,000 hrs. lamp life
- Proprietary reflector coating for maximum reflectivity
- Eight aluminum parabolic reflectors for intense, uniform 360° coverage

Electrical

- 1420 W total power consumption
- 120V AC
- 12A
- 12 ft. power cord with standard 3 prong grounded plug

Support

High touch on-boarding and implementation training

- Dedicated customer service representatives
- Full 1 year warranty

Software

- Web-based user portal
- Real-time status tracking
- Location based cleaning validation
- Usage and compliance analytics
- Lamp life and cycle counter

Safety

- 4 PIR sensors for intrusion detection and auto-off
- Built-in delay start timer
- LED siren to signal when a cycle is about to start
- Non-ozone producing lamps
- Bilingual warning signs for outside room

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