



A New Normal.

A New Standard for Disinfection.

rzero

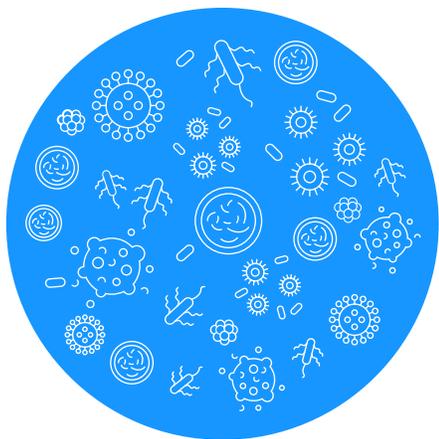
It Took A Microscopic Virus to Open Our Eyes

The outbreak of the 2019 novel coronavirus disease (COVID-19) shattered our illusion of safety. Suddenly, we're all acutely aware of how unseen pathogens threaten our health and disrupt our way of life. Pathogens are constantly evolving, and we will have to do the same.

For businesses and organizations, this new reality presents multiple challenges. How do you provide a safe environment when you can't even see the threat? How do you let everyone know it's safe to come back? How do you rebuild public trust? How much will all this cost?

Hospitals have managed pathogens for centuries and have always pioneered the most modern technologies and protocols to make their workplaces as safe as humanly possible. But those solutions were thought to be too expensive for use in other public spaces.

At R-Zero, our mission is to bring this high standard for biosafety from the hospital room to the dining room, hotel room, locker room, classroom, living room and every other kind of room that makes up our everyday spaces and common places.



There are **over 1,400 known species of human pathogens** – including viruses like coronavirus, bacteria, fungi, protozoa, and helminths. Of those, 177 are considered emerging or re-emerging.¹

Modernizing the Biosafety Category

R-Zero is the first biosafety company dedicated to making the spaces we all live, learn, work and play safer and clinically clean. Together, we're establishing a new and higher standard for infection prevention.

To reach that new standard, we're employing a more holistic, science-backed approach than ever before. Powered by connected technologies and software, our biosafety platform gives you the data analytics and insights you need to manage the cleanliness of your spaces at the microscopic level. It's affordable, easy-to-use, and fits seamlessly into your organizational workflows, helping you protect what matters most.

While today the focus is COVID-19... tomorrow, it's norovirus, the seasonal flu, E. coli, the common cold, and every other virus, bacteria, fungi and mold that threatens the human immune system. We believe we can build a more hopeful future—one with fewer sick people, fewer missed workdays and the high degree of trust that keeps our economy humming.



Invented for Hospitals, Innovated for You

R-Zero Arc is the first hospital-grade UV-C disinfection system designed for the dynamic environments of every business and organization. Offering the highest level of infection prevention, Arc is proven to disinfect 99.99% of surface and airborne pathogens in a 1,000 sq. ft. room, in just 7 minutes. It's the same technology that hospitals use for a fraction of the cost.



Effective

Arc disinfects a 1,000 ft² room in just 7 minutes and is proven to destroy over 99.99% of pathogens.



Efficient

A cycle requires less than two minutes of touch time, so your staff can be productive in other areas while Arc is running.



Simple

Arc's intuitive controls make it easy for anyone to use. Simply set a timer, press start, leave, and return to a clinically clean room.



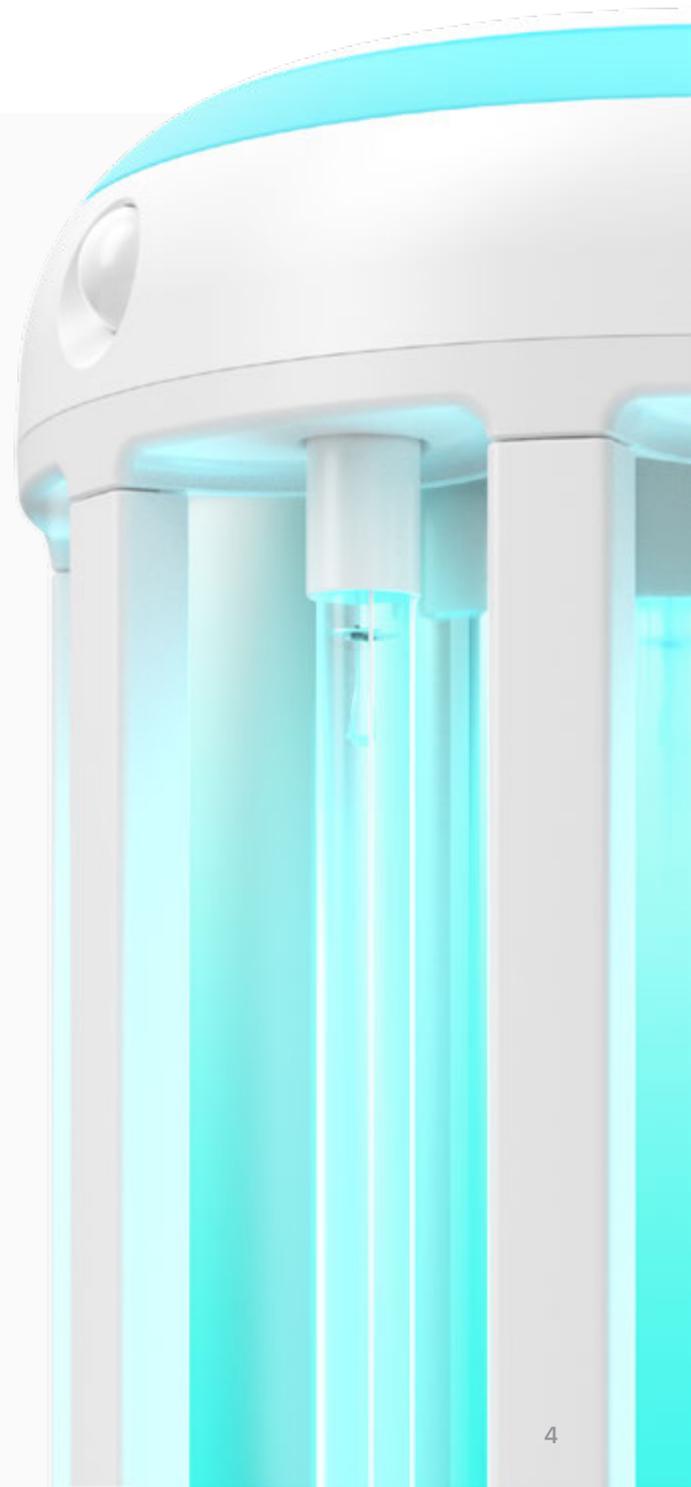
Safe

Arc is designed with several redundant safety features to protect operators, including 360° infrared motion sensors and built-in delays.



Chemical-Free

UV-C is an eco-friendly, chemical-free disinfection solution that is safe to use around food, plants, furniture and electronics.



Other Methods of Disinfection Come With Unfortunate Trade-Offs



Manual

Manual disinfection is labor-intensive, error-prone and doesn't address airborne pathogens.



Electrostatic

While it's less expensive up front, electrostatic spraying quickly becomes more expensive due to the chemical refills. It also requires a dedicated operator wearing PPE and takes up to three hours before the room is safe to enter again.



Other UV-C solutions

Every other UV-C solution is either cost-prohibitive (as much as \$125,000) or ineffective.

Studies have shown that up to

50%

of surfaces are missed with manual disinfection alone.

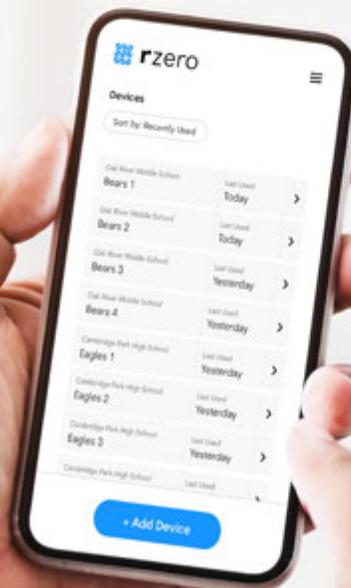
Source: Clinical Microbiology Reviews, October 2014



We Make the Invisible Visible

To provide a safe environment and instill trust in your employees and customers, you need precise data about what has been disinfected and what hasn't. Chemical wipe downs or sprayers can't offer that. But R-Zero devices are equipped with Bluetooth, 4G-LTE and GPS connectivity, giving you the power to manage the cleanliness of your spaces at the microscopic level. With the R-Zero Web Portal, location-based usage data for all R-Zero devices can be monitored and analyzed on a personalized dashboard, allowing you to track disinfection compliance for the first time ever.

This connectivity also enables device maintenance reminders and allows you to manage devices from wherever you are.



The R-Zero Badge: A symbol of Trust and Safety

It's no longer enough to merely create a safe environment for people. You need to let them know it's safe.

In your R-Zero Welcome Kit, you'll receive the R-Zero badge on a placard, door and window decals, and a counter sign, which you can display to signal your commitment to safety. We'll also provide digital marketing resources – including talking points, images, and social media templates – to convey the efficacy and benefits of Arc's hospital-grade technology. These marketing tools help you build trust and reassure employees, customers and your community that your spaces are clinically clean.





We're at a turning point. Organizations around the globe are waking up to the reality that they are now in the health and safety business. They will need to make infection prevention and environmental safety a central part of their daily operations and publicly demonstrate their commitment to re-establish trust. R-Zero is committed to developing scientifically-proven solutions that are easy to implement and easy to afford so that business can start flowing again.

¹ Source: CDC, Dec. 2005: https://www.researchgate.net/publication/7292615_Host_Range_and_Emerging_and_Reemerging_Pathogens

² Source: NCBI, Oct. 2014, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4187643/>

³ Source: NCBI, Jan. 2008, <https://pubmed.ncbi.nlm.nih.gov/18171180/>

⁴ Source: CDC, National Institute for Occupational Safety & Health, <https://www.cdc.gov/niosh/topics/disinfectant/default.html>