

How Healthy Are Your Buildings?

## Assessing Indoor Health Risk In Your Care Facilities

When it comes to keeping indoor senior care environments safe for occupants, there's a set of specific factors to consider in order to make effective plans for a healthier building.



**Your residents & staff deserve to enjoy life in the safest indoor environments possible.**

**That means environments with the best air quality possible.**

ASHRAE and the CDC recommend 6–12 air changes per hour (ACH) for healthy indoor air. Every room's risk profile is different—where it falls in that range depends on a variety of factors.



**Risk profiling assesses indoor spaces through both occupancy and environmental factors:**



**What are the room's dimensions?**



**How many people are typically present?**



**For how long?**



**What are they typically doing?**

**Based on these factors, R-Zero's Engineering and Clinical Studies teams created a High - Medium - Low model for risk exposure of senior care facilities.**



**HVAC systems in many buildings are limited in their ability to “turn up” their ACH to recommended levels.**

**Without making prohibitively expensive upgrades or incurring a much higher energy cost.**

They also don't specifically direct airflow to rooms where exposure risk is highest.



**Upper Room UV-C devices are the perfect complement to a building's HVAC system.**

**Working together they:**

- Deliver 9–12+ *equivalent* air changes per hour (eACH) for a much lower cost.
- Target specific rooms, so that the largest risk reduction happens where risk of viral exposure is highest.
- Operate autonomously in the background so that room occupants can go about their day as normal.

**Our engineers work with you to apply this model to the unique characteristics of your buildings.**

They can help you understand where your gaps are and give you visibility into where you stand.



**Get a Free Risk Assessment Today!**