rzero

Assessing Indoor Health Risk In Your Facility

For healthcare environments, good indoor air quality is vital for patient comfort and satisfaction, staff morale, and avoiding risk exposure. Allow us to walk through specific factors to consider in order to make effective plans for a healthier facility.

Your patients and staff deserve the safest indoor environments possible.

That means environments with the best air quality possible.

ASHRAE and the CDC recommend 6-20 air changes per hour (ACH) for healthcare facilities. 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?

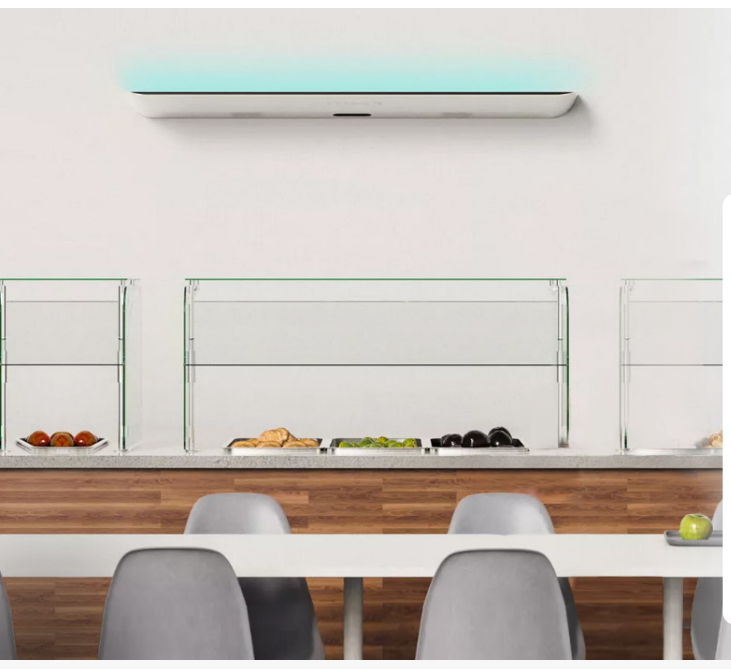
Based on these factors, R-Zero's Engineering and Clinical Studies teams created a High - Medium - Low model

for risk exposure of healthcare 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 infection 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.

R-Zero's team of engineers can custom model exposure risk.

This custom model is based on the unique characteristics of your buildings to ensure visibility into where you stand.

Get a Free Risk Assessment Today!