



A HEALTHIER FUTURE **STARTS** **INDOORS: HOSPITALITY**

Occupant health and safety has always been a primary concern in the hospitality industry – and that concern has only grown in recent years. But hotels face unique challenges when it comes to implementing protocols that increase air quality and reduce the transmission of disease. With the right healthy building strategies, owners and operators can navigate these obstacles and unlock enormous potential in their buildings – not only ensuring the safety of guests and staff, but enhancing experiences, customer satisfaction and brand loyalty for years to come.

HOTEL PRIORITIES



THE SCIENCE OF HEALTHY HOTELS

While much of the effort to create healthy indoor environments is focused on reducing the spread of disease, research has shown the potential benefits to be even greater. Factors including CO₂ levels, lighting and noise were shown to significantly impact guest sleep and next-day concentration and cognitive performance. As hotels prepare for the future, they can count on guests to expect more from their stay in terms of comfort and overall wellness.



HEALTHY HOTELS IN ACTION

Healthy buildings focus on addressing foundational aspects of the indoor environment to positively impact the people inside. Dr. Joseph Allen and a multidisciplinary team of experts from the Healthy Buildings Program at the Harvard T.H. Chan School of Public Health have identified these key areas as “The 9 Foundations of a Healthy Building.” Based on the 9 Foundations, we’ve outlined specific strategies hotel owners and operators can take to make their building a healthy building.



VENTILATION

Maximize outdoor air ventilation
Monitor and control target ventilation



AIR QUALITY

Implement multipoint indoor air quality (IAQ) monitoring
Incorporate advanced IAQ controls



THERMAL HEALTH

Design to appropriate comfort standard
Advanced localized controls



FILTRATION

Filter air at MERV 13 or higher
Implement advanced purification solutions



MOISTURE

Control to 40%-60% relative humidity



NOISE

Design for minimum equipment background noise



CARRIER HEALTHY BUILDINGS PROGRAM

As the inventors of modern air conditioning and a global leader in intelligent climate and energy solutions, Carrier has a legacy of creating safe and comfortable indoor environments. Now we’re building on that legacy through our Healthy Buildings Program. Our experts have in-depth knowledge and experience in hospitality and a holistic suite of healthy building technologies and services to help meet the needs of the industry today and long into the future.

HEALTHY BUILDINGS ASSESSMENTS FOR HOSPITALITY

At Carrier, our experts are here every step of the way to help you develop a healthy building strategy – starting with assessments across three specific aspects of your hotel or property.



EMERGENCY ASSETS

Access to on-demand supplemental HVAC equipment in the event of emergency
Detailed site evaluations
Ensure system is able to meet your ventilation and IAQ requirements



IAQ ASSESSMENT

Test air quality
Develop and implement upgrades for optimal filtration, ventilation, airflow, controls, etc.
Develop corporatewide IAQ engineering standards



WELLNESS ASSESSMENT

WELL building standard certification
WELL performance testing



HEALTHY BUILDINGS SOLUTIONS FOR HOSPITALITY

Carrier offers a full suite of products and services designed to help create safe and healthy environments for hotel guests and staff. The following are just a few highlights of our offering.

AIRSIDE TECHNOLOGIES



RMAP AIR PURIFIER



ACTIVE CHILLED BEAMS



AGION®-COATED AIR-HANDLING UNIT

HEALTHY BUILDING SERVICES FOR HOSPITALITY

Healthy buildings are about more than building design and solutions. Ongoing management and operation are essential to optimizing indoor environments for guest comfort and efficiency. Here are a few examples of how Carrier remote services can help.



REMOTE AIRSIDE MANAGEMENT

Manage IAQ and ventilation in line with best practices

Make changes and fix issues remotely

Optimize maintenance and operational costs

24x7 command center



REMOTE ENERGY MANAGEMENT

Provide advanced cloud-based analytics

Optimize energy efficiency, equipment uptime, occupant comfort and operational productivity

Actionable insights by CORTIX™ building IoT platform

Optimize autonomously or through a mobile application



REMOTE HVAC SERVICES

Maximize performance and efficiency

Increase uptime

Improve budgeting and scheduling

Fault detection and diagnostics



GET STARTED WITH AN EXPERT

From safe hotel stays to ongoing enhancements to the guest experience, a healthier future starts indoors. Let's work together to safely unlock the full potential of healthy hotels. Visit us at carrier.com/healthybuildings to learn more about our Healthy Buildings Program and connect with one of our experts.



HEALTHYBUILDINGS

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