



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

The hospitality industry has undoubtedly been one of the hardest hit by the COVID-19 pandemic. Now, as the industry looks to reopen and rebound from historically low occupancy rates, the future depends on effective implementation of evidence-based protocols – including those that address airborne transmission.

By focusing on healthy building strategies and creating healthy indoor environments in hotels, this beleaguered industry can unlock enormous potential – to not only ensure the health and safety of guests and staff in the short term, but also to enhance the guest experience, wellness as a differentiator and brand loyalty for years to come.

HOTEL PRIORITIES



THE SCIENCE OF HEALTHY HOTELS

Creating a healthy building through engineering controls in spaces is a key component of combating COVID-19 and reopening the industry. But research has shown the benefits go beyond infection control. Factors including CO₂ levels, lighting and noise were shown to significantly impact guest sleep and next-day concentration and cognitive performance. Moving forward, guests will 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 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



SAFETY AND SECURITY

Implement touchless access
Execute advanced access solutions



NOISE

Design for minimum equipment background noise



CARRIER HEALTHY BUILDINGS PROGRAM

As the inventors of modern air conditioning and a world leader in HVAC, refrigeration, and fire & security solutions, Carrier has a legacy of creating safe and comfortable buildings. Now we’re building on that legacy through the launch of 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 address the immediate pandemic concerns and long into the future.

HEALTHY BUILDINGS ASSESSMENTS FOR HOSPITALITY

At Carrier, we understand that many of our hospitality customers are facing uncertainty with how to move forward in developing a healthy building strategy. Our experts are here to help – starting with assessments across various aspects of a hotel or property.



SAFE START SERVICES

Ensure building is ready for occupancy
Rigorous recommissioning of HVAC equipment
Implement best practices (possibly remotely)



EMERGENCY ASSETS

HVAC equipment on demand to reopen quickly and safely
Detailed site evaluations
Ensure system is able to meet your new ventilation and IAQ requirements



IAQ ASSESSMENT

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



WELLNESS ASSESSMENT

WELL building standard certification
WELL performance testing



SECURITY ASSESSMENT

Provide security solutions and upgrades
Contactless access management, body temp screening and video analytics
Remote monitoring and diagnostics

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



OPTICLEAN™ AIR SCRUBBER



ACTIVE CHILLED BEAMS

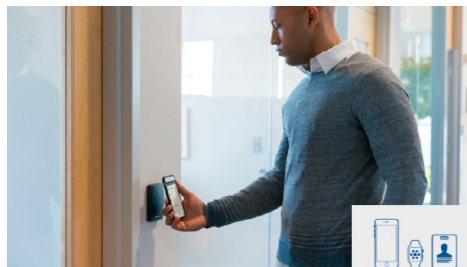


AGION®-COATED AIR-HANDLING UNIT

TOUCHLESS ACCESS



READERS AND PHYSICAL CREDENTIALS



APP AND MOBILE CREDENTIALS



MYWAY™ BUILDING SERVICES
MOBILE PLATFORM

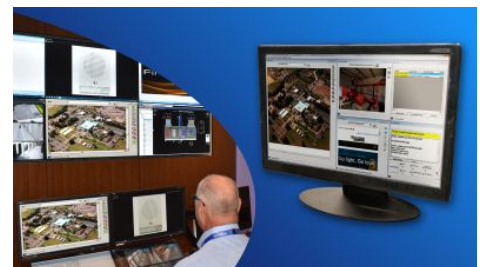
FIRE SAFETY



SMARTCELL™ WIRELESS FIRE
DETECTION



FIRECELL™ WIRELESS
DOOR CONTROL



FIREWORKS® INCIDENT
MANAGEMENT PLATFORM

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

©2020 Carrier. All Rights Reserved.