

A HEALTHIER FUTURE **STARTS INDOORS**

As a global pandemic continues to press the critical importance of health and infection control, the world is seeking ways to help ensure the health and well-being of people everywhere. And today, experts are finding that one of the keys to a healthier future is the indoor environment. Through healthy building strategies and expertise, we can shift the role of buildings beyond places to live, work and learn, and into powerful tools that drive human health and progress.

CARRIER HEALTHY BUILDINGS PROGRAM

As the inventors of modern air conditioning and a world leader in HVAC, refrigeration, and fire and 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. The program helps customers across key verticals develop safe, indoor environments with a holistic suite of healthy building technologies and services to address the immediate pandemic concerns and long into the future.













THE SCIENCE OF HEALTHY BUILDINGS

As humans, we spend 90% of our time indoors. Consequently, buildings play a significant role in our lives and directly impact our health. Through the COGfx Study, research has shown that healthy buildings can significantly improve cognitive function. In addition, healthy buildings can impact the bottom line for a business – from reducing energy waste and the related costs to increasing worker productivity.



IMPROVE COGNITIVE FUNCTION

in enhanced green buildings

Crisis response scores



131% HIGHER

Information usage scores

299% HIGHER Strategy scores

288%
HIGHER

IMPROVE PERSONAL HEALTH

in high-performing, green-certified buildings vs. high-performing, non-certified buildings Sick building symptoms

30% FEWER &

better environmental perceptions

Sleep quality scores



6.4% HIGHER

IMPROVE SOCIETAL HEALTH

Compared to "conventional commercial buildings," the green-certified buildings studied saved \$7.5B in energy costs

\$5.8B in combined health and climate benefits

Total benefit of \$13.3B



\$1.4B from averting negative impacts of climate change

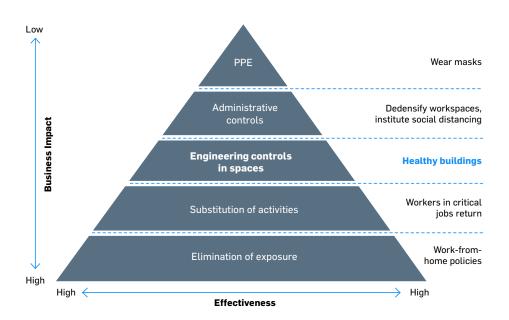
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\$4.4B from reductions in air pollution resulting in fewer deaths, hospital visits, lost days of work and school, and more

THE ROLE OF HEALTHY BUILDINGS IN REOPENING

Creating a healthy building through engineering controls in spaces is a key component of combatting COVID-19. It's a strategy that balances overall effectiveness with the financial impact it can have on the business.

Allen, J. G., & Macomber, J. D. (2020, April). What Makes an Office Building "Healthy." Harvard Business Review



BUILDING ON A FOUNDATION

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 actions building owners and operators can take to make their building a healthy building.



HEALTHY BUILDINGS ASSESSMENTS

At Carrier, we understand that many of our 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 building.



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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 corporatewide 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

Carrier offers a full suite of products and services designed to help customers create healthy building environments. The following are just a few highlights of our offering.

AIRSIDE TECHNOLOGIES



OPTICLEAN™ NEGATIVE AIR MACHINE



ACTIVAIR™ HYBRID HYDRONIC AIR TERMINAL



AGION®-COATED AIR-HANDLING UNIT

TOUCHLESS ACCESS



READERS AND PHYSICAL CREDENTIALS



APP AND MOBILE CREDENTIALS



EXPANDING TECHNOLOGIES

FIRE SAFETY



SMARTCELL™ WIRELESS FIRE DETECTION



FIRECELL™ WIRELESS DOOR CONTROL



FIREWORKS® INCIDENT MANAGEMENT PLATFORM

GET STARTED WITH AN EXPERT

From infection control to improved health and productivity, a healthier future starts indoors. Let's work together to unlock the enormous potential of healthy buildings. Visit us at carrier.com/healthybuildings to learn more about our Healthy Buildings Program and connect with one of our experts.

