



# A HEALTHIER FUTURE STARTS INDOORS: COMMERCIAL BUILDINGS

As the world continues to advance, controlling infection and keeping building occupants safe and healthy isn't just limited to healthcare applications. Across industries, there's been an increased focus on healthy buildings for design, retrofit and operation – shifting the view of commercial buildings beyond places to work and into powerful tools that drive human health and progress.

## COMMERCIAL BUILDING PRIORITIES



## THE SCIENCE OF HEALTHY COMMERCIAL BUILDINGS

While much of the effort to create healthy indoor environments has been focused on reducing the spread of disease, the potential benefits can be even greater. Through the COGfx Study, research has shown that healthy buildings can significantly improve cognitive function, while the HEALTHfx Study revealed the benefits of healthy buildings on societal health and climate. All in all, we're seeing that healthy buildings can impact the bottom line for a business – from reducing energy waste and the related costs to increasing worker productivity.



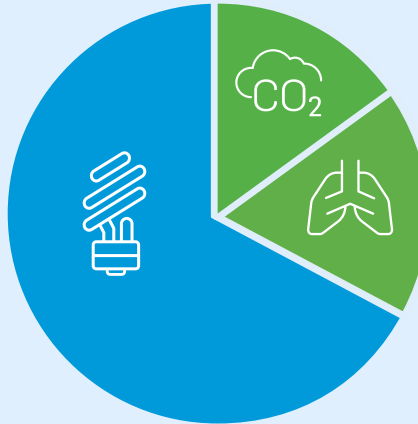
## A HEALTHY HEADQUARTERS

At Carrier, creating healthier, smarter, more efficient indoor environments is a part of who we are. It's why the Center for Intelligent Buildings – our global headquarters – was designed to put healthy building expertise into practice and serve as a living example of what's possible.

COMPARED TO BUSINESS AS USUAL,  
THE CENTER FOR INTELLIGENT  
BUILDINGS HAS SAVED

**\$172,000**

**IN ENERGY COSTS**  
over ASHRAE standard



PLUS AN ADDITIONAL

**\$83,000**

**IN COMBINED HEALTH AND  
CLIMATE BENEFITS:**

**CO<sub>2</sub> \$38,000**

FROM AVERTING NEGATIVE IMPACTS OF CLIMATE CHANGE

**\$45,000**

FROM REDUCTIONS IN AIR POLLUTION RESULTING IN  
FEWER DEATHS, HOSPITAL VISITS, LOST DAYS OF WORK  
AND SCHOOL, AND MORE

FOR A TOTAL BENEFIT OF **\$255,000** EACH YEAR

Joseph Allen and John D. Macomber. Healthy Buildings: How Indoor Spaces Drive Performance and Productivity. Cambridge, MA: Harvard University Press, 2020.

## CARRIER HEALTHY BUILDINGS PROGRAM

As the inventors of modern air conditioning and a world leader in HVAC and refrigeration solutions, Carrier has a legacy of creating safe and comfortable buildings. Now we're building on that legacy through our Healthy Buildings Program. Our experts have in-depth knowledge and experience in commercial buildings and a holistic suite of healthy building technologies and services to help meet the needs of the industry today and long into the future.



Carrier's Center for Intelligent Buildings is located in Palm Beach Gardens, Florida, USA.

## HEALTHY BUILDINGS ASSESSMENTS FOR COMMERCIAL BUILDINGS

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 facility.



### 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 indoor air quality (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 COMMERCIAL BUILDINGS

Carrier offers a full suite of products and services designed to help create safe and healthy environments for commercial building occupants. 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 COMMERCIAL BUILDINGS

Healthy buildings are about more than design and solutions. Ongoing management and operation are essential to optimizing indoor environments for efficiency, safety and occupant health and performance. Here are a few examples of Carrier remote services available to 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 ensuring the safety of your workers to enhancing business performance, a healthier future starts indoors. Let's work together to unlock the enormous potential of healthy commercial buildings. Visit us at [carrier.com/healthybuildings](https://carrier.com/healthybuildings) to learn more about our Healthy Buildings Program and connect with one of our experts.



HEALTHYBUILDINGS

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