



# A HEALTHIER FUTURE STARTS INDOORS

As awareness and understanding of infectious disease has grown over the past several years, so has the focus on ensuring the health and well-being of people around the world. 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 global leader in intelligent climate and energy solutions, Carrier has a legacy of creating safe and comfortable buildings. Now we're building on that legacy through 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 their needs today and long into the future.



COMMERCIAL  
OFFICES



HEALTHCARE



HOSPITALITY



EDUCATION



RETAIL



MARINE

## 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](http://thehealthxstudy.com), 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.



## 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.



### 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: DUST AND PESTS

- Filter air at MERV 13 or higher
- Implement advanced purification solutions



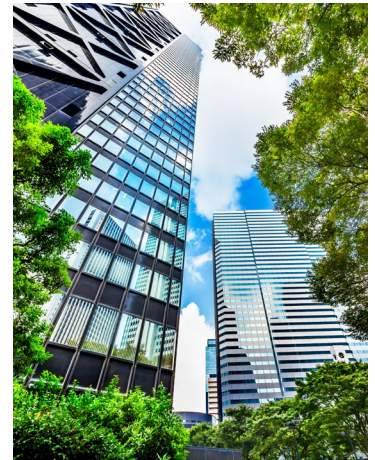
### MOISTURE

- Control to 40%-60% relative humidity



### NOISE

- Design for minimum equipment background noise



## HEALTHY BUILDINGS ASSESSMENTS

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 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

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



RMAP AIR PURIFIER



ACTIVAIR™ HYBRID HYDRONIC  
AIR TERMINAL



AGION®-COATED  
AIR-HANDLING UNIT



### 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](https://carrier.com/healthybuildings) to learn more about our Healthy Buildings Program and connect with one of our experts.



HEALTHYBUILDINGS

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