

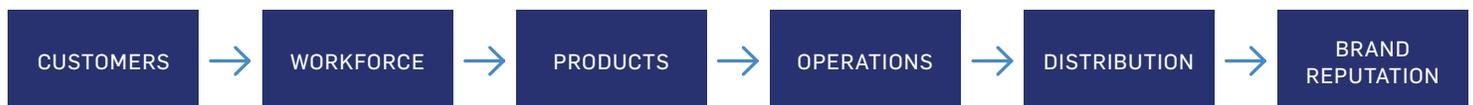


HEALTHY BUILDINGS: RETAIL

From independent small businesses and restaurants to major chains, retailers have been among the hardest hit by the COVID-19 pandemic. Temporary closures have led to decreased consumer spending and revenue, furloughs, layoffs and, in some cases, the need to permanently close doors. Now as malls, shops and restaurants look to return to business, consumers and employees are demanding healthy and safe indoor environments.

Through healthy building strategies, retailers can create and maintain healthy and safe environments, ensuring customer and employee safety and confidence in the short term, and enhancing the customer experience for years to come. In short, the future of retail is dependent upon its ability to adopt practices to promote health and implement comprehensive risk reduction plans – and that future starts indoors.

RETAIL PRIORITIES



THE SCIENCE OF HEALTHY RETAIL

Through an evidence-based approach to healthy buildings, business owners can better protect the health of their customers and the on-site employees who are critical to retail operations. This means going beyond a focus on cleaning and disinfection protocols to target all modes of COVID-19 transmission – surface transmission, large droplet and aerosol. More specifically, modes of airborne transmission can be mitigated through building-level engineering controls.

Here are some of the changes we're likely to see as retailers adjust to a new normal in response to the global pandemic.

Note that filtration and HVAC system improvements are included:

- Built-in distancing
- Product placement for speed
- Calming colors
- Autonomous stores
- Built-in drive-thrus
- Smaller stores
- **Filtration and HVAC system improvements**
- Outdoor space
- Showrooms
- Physical barriers

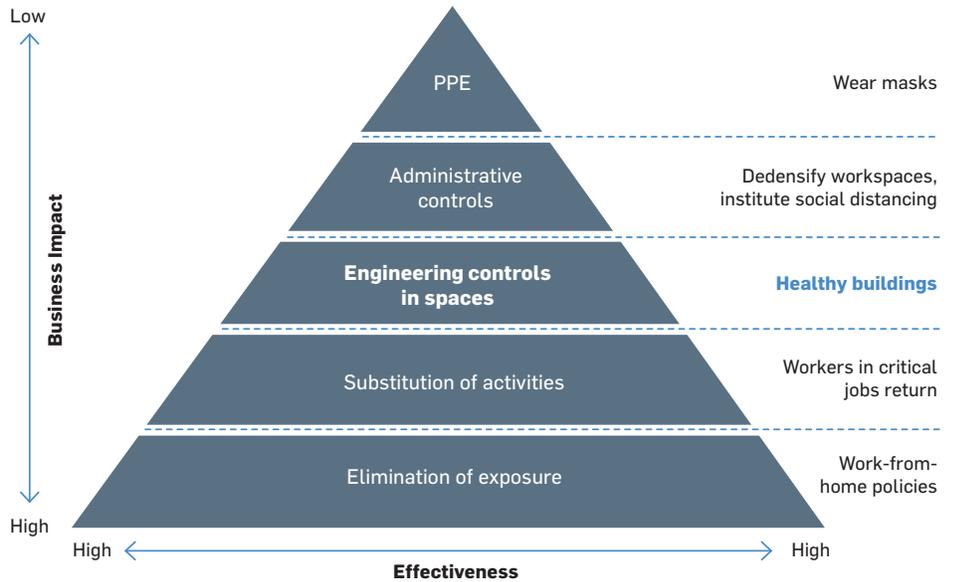
Forbes Editor's Pick, August 10, 2020 10:30 AM EDT



THE ROLE OF HEALTHY BUILDINGS IN REOPENING

Creating a healthy building through engineering controls in spaces is a key component of combating 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



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 retail applications 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 RETAIL

At Carrier, we understand that many of our retail 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.





ADVANCED AIRSIDE SYSTEMS



FRESH AIR MANAGEMENT
ENERGY MONITORING
CO₂ LEVEL CONTROL

ROOFTOPS



CARBON FILTERS
BIPOLAR IONIZATION
CO₂ SENSORS

ACTIVAIR HYBRID HYDRONIC AIR TERMINAL



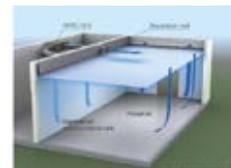
LOW HEIGHT PROFILE
MODULATING CAPACITY AND LOAD REACTIVITY
HIGH VENTILATION CAPABILITIES

AIR HANDLING UNITS



FRESH AIR MANAGEMENT
HEPA FILTERS / CARBON FILTERS
UV LIGHTS / BIPOLAR IONIZATION

STRETCH CEILING TECHNOLOGY



HIGH INDOOR AIR QUALITY AND HIGH ENERGY EFFICIENCY
THERMAL AND ACOUSTIC COMFORT COMBINED
WITH INFINITE CUSTOMIZATION

AIR PURIFIERS



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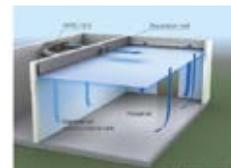
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