

QUALITY CARE DEMANDS HEALTHY BUILDINGS

You face new and unprecedented challenges. Virus outbreaks make it mandatory for businesses to assess and address environmental health issues – making sure that your building is in good health, and that employees and residents are protected.



Honeywell

PROTECT OUR MOST VULNERABLE

Long-term care residents are especially vulnerable to infections due to closed environments and compromised immune defenses. Each resident can face up to a 10% risk per year of acquiring infections¹ spread in acute-care settings through airborne and contact pathways². What should you do to ensure a healthy building for your clients while maintaining cost efficiency?

CONTROLLING HVAC

Air pollution has a significant impact on older adults with more susceptible immune systems. Controlling the temperatures in a long-term care facility is also a concern as the elderly can suffer from health complications driven by variance in internal body temperature. What extra precautions do you need to take with seniors?

CONTROLLING AIR QUALITY

Mechanically ventilated buildings naturally concentrate more pathogens than the outdoor environment, and the general advice to help prevent the spread of infectious disease is to supply as much outside air as possible and maintain stable directional pressure. How do you keep your residents and staff healthy and safe if they spend the majority of their time indoors?

CONTROLLING ACCESS

If there is an infectious outbreak, how do you keep your residents isolated from the general population for their safety? How can you manage contact to know which of your residents or staff may be carriers of the disease, or at more risk for becoming infected?

For over a century Honeywell has been a global technology leader in safe, healthy, energy-efficient buildings, and we have tailored solutions for long-term care facilities.

¹ Ernst & Ernst, 1999
² Ulrich, Zimring, Joseph, Quan, & Choudhary, 2004



KEEP YOUR BUILDING AND YOUR BOTTOM LINE IN GOOD HEALTH

Air filtration, thermal and humidity control, and amenities all play a key role in healthy buildings. Honeywell building solutions for healthcare help bring your facility to peak shape, making sure that all HVAC systems are operating efficiently and every piece of equipment is optimized.



Humidity

High humidity levels promote the growth of bacteria and mold and create an environment where dust mites can thrive. Lower humidity creates other concerns like dry, itchy skin, transmission of viruses and the irritation of the upper respiratory system. We can help you maintain optimal humidity between 40% - 60% to reduce the transmission of germs.



Fresh air

Ensuring the quality of indoor air and the amount of fresh air needed for your facility is key to a healthy environment. Controlling the indoor sources of odors, chemicals, and carbon dioxide ensure the optimal resident experience. In bathrooms and other areas with high contamination potential, increasing the frequency of air exchange will reduce the risk of airborne transmission of infectious disease.



Advanced filtration

From controlling bacteria to pollen, to pollutants, it is essential for your building's health to maintain its filtration system. We can help remove and clean more airborne particles before they can circulate throughout your facility.



Pressurization

Maintaining stable negative room pressurization ensures efficient re-circulation within a space and improves air exchange for a healthier environment. It also prevents the spread of infectious pathogens suspended in the air from drifting into neighboring spaces and infecting others reducing the spread of infectious disease from room to room.



Thermal comfort

Respond to comfort issues before you receive complaints, using advanced mobile data and alerts wherever you are.



24/7 Building Monitoring

Set up your building's management dashboard to monitor key variables, with alerts when optimal conditions are not being met.



Safety and Security

Single site or enterprise access control, intrusion detection, video surveillance, building automation, contact tracing or a combination.

A HEALTHY BUILDING

- Improves the resident experience
- Increases staff productivity
- Lowers resident healthcare costs
- Reduces cross-contamination
- Maintains consistent comfort levels
- Increases staff retention

“The elderly can have weakened immune systems and age-related health problems, which make them more vulnerable to health complications associated with indoor air pollution...That makes enhanced indoor air quality a critical contributor to their health and wellness at long-term living facilities.

GAIL VITTORI

Co-Director, Center for Maximum Potential Building Systems
cmpbs.org

Co-Coordinator, The Green Guide for Health Care
gghc.org, a best practices guide for healthy, sustainable hospitals

Honeywell

Find out how Honeywell solutions can help your facility thrive.

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Website



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