

WelSPACE

Save on Energy Costs



WELSPACE: REVOLUTIONIZE YOUR ENVIRONMENT

Discover the Field Controls WelSpace indoor air quality sensor, an ingenious smart indoor air quality system designed to revolutionize the way you experience your environment. This cutting-edge solution empowers you to save electricity costs and effortlessly monitor, operate, and manage crucial indoor air quality (IAQ) conditions, including carbon dioxide (CO₂) levels, temperature, relative humidity (RH), VOCs, and particle (PM_{2.5}) count.

FEATURES

- **DEMAND VENTILATION:** Save money by only ventilating your spaces when it is needed
- **REAL-TIME MONITORING:** Receive instant insights into the current air quality conditions within your indoor spaces
- **PRECISE DATA ANALYTICS:** Gain a clear understanding of trends, patterns, and potential areas for improvement
- **CUSTOMIZABLE ALERTS & NOTIFICATIONS:** Receive notifications via email, SMS, or through the system interface, keeping you informed about any deviations from desired air quality conditions
- **SMART VENTILATION CONTROL:** Automatically adjust ventilation rates based on real-time IAQ data, ensuring a balanced and comfortable environment
- **USER-FRIENDLY INTERFACE:** Make adjustments, view data, and receive alerts from the convenience of your device
- **HISTORICAL DATA LOGGING:** Use this data for analytics, reporting, and compliance purposes
- **INTEGRATION WITH EXISTING HVAC:** Enhance your current heating, ventilation, and air conditioning systems with budget-friendly solutions
- **REMOTE MONITORING & CONTROL:** Flexibility of remote monitoring and control, allowing you to manage IAQ conditions even when you're not on-site

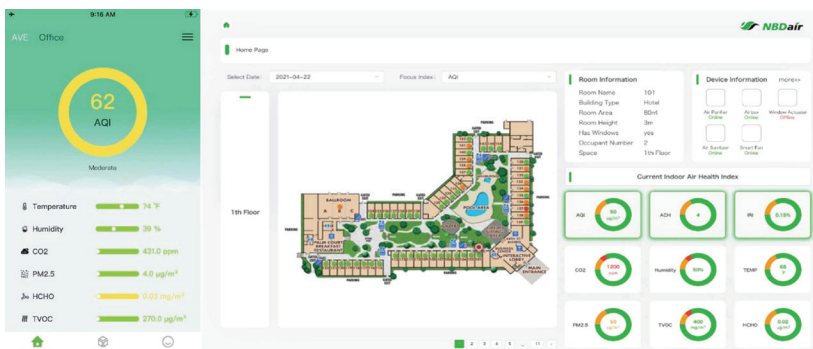
HOW IT WORKS

The Edge Gateway is installed and connected to the economizer or rooftop handler through Wi-Fi. An Airbox is installed in every room to monitor that space's unique, localized air quality. The sensor connects to the HVAC system, portable air purifiers, in-duct air purifiers, thermostats, window actuators, and other IAQ equipment. WelSpace sensors detect changes in the environment, and demand ventilation occurs ONLY when necessary to save you electricity while maintaining a healthy environment to balance a room. The WelSpace solution seamlessly integrates ventilation, filtration, and disinfection systems by constantly monitoring PM2.5, CO2, TVOC, HCHO, temperature, humidity, AQI, ACH, and ITI in every room. The dashboard allows you to control an entire building floor plan automatically or on a schedule, saving energy, costs, and time.

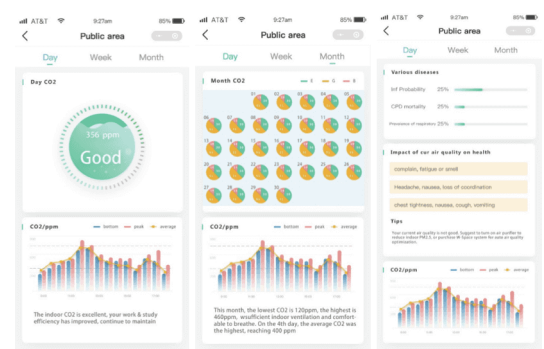
BENEFITS

- Reduces energy costs
- Enhances healthy and safety of the building occupants
- Improves working environment
- Reduces absenteeism
- Seamless integration with your existing HVAC system
- Comprehensive IAQ management
- Saves energy, maintenance, and time
- Complies with ASHRAE's standards for HVAC building codes
- Follows EPA's guidelines and OSHA's recommendations for IAQ

DASHBOARD



PHONE APP



Utilize DEMAND VENTILATION to achieve ENERGY SAVINGS, COST SAVINGS, and exceptional INDOOR AIR QUALITY.

Powered by
NBDair