

Breezy Sense™ Specifications

Breezy Sense™ is an advanced connected device for facility health monitoring and smart disinfection within commercial buildings. It monitors multiple facility health parameters including hydrogen peroxide to optimize disinfection dosages, carbon dioxide and motion to monitor occupancy, particulate matter for air pollutants, and temperature and humidity for facility comfort levels.



Intelligent control algorithms allow Breezy Sense, when used with Breezy Blue™ smart foggers, to provide disinfection surety and safety, and to optimize the use of chemical and custodian labor. And all historical data is captured within the Breezy Cloud™ database which helps you understand and promote your facility's health using occupancy, air sensor and disinfection data.

Item	Specification
Air sensors	Hydrogen Peroxide: 0 to 100 ppm Particulate Matter (PM2.5): 0 to 6000 µg/m ³ (calibrated to 1000 µg/m ³) Carbon Dioxide: 400 to 5000 ppm
Environmental sensors	Temperature: 40-100° F Humidity: 10-90%
Motion sensor	Detection area: up to 39 ft., 105° horizontal, 40° vertical
Compatible disinfectants	Breezy BioCare RTU™, Breezy BioPure RTU™, other Hydrogen Peroxide
Visual indicator	Air Quality: Healthy, Fair, Moderate, Unhealthy
Connectivity	Bluetooth v5.x (BLE)
Breezy Blue™ interface	Bidirectional communication for smart fogging protocols
Breezy Link™ interface	Bidirectional communication for cloud data interface
Smart disinfection features	Self-configuration of fogging duration, occupancy-based disinfection, safe-to-reenter indicators
Breezy Cloud™ data & dashboard features	Fogging history, air sensor data, environmental data, equipment location
Remote notifications	Unhealthy air quality, high occupancy
Power Requirements	DC 4.7 V to 5.5 V, Ripple voltage < 50 mV, 250 mA, 3 meter (9.8 ft) USB A to C cable included
Size & weight	5 in. x 3 in. x 1 in., 1.5 lbs.

