



PRODUCT GUIDE

Air Purification Solutions

- Technology
- Product Assortment & Install Options
- Spaces Protected by Bluezone
- Maintenance



How does UV light purify the air we breathe?

The Bluezone by Middleby Models 450 and PK-220 utilize UV-C germicidal lamps to eliminate airborne pathogens such as the **flu, cold, RSV, and coronavirus**. Ultraviolet lamps have a longstanding history of sanitizing surfaces in laboratories, food-processing facilities, and for disinfecting water supplies. Since the UV-C lamps are securely contained within the Bluezone chamber, it is safe to operate them continuously in occupied spaces, ensuring the safety of your employees and customers.

- UV-C bulbs eliminate up to 99.9995% of viruses, bacteria, and fungi from the air
- Circulates the air, continuously eliminating contagions
- Oxidation catalysts destroy VOCs and unpleasant odors
- Protects your employees, customers, and guests
- No filters or chemicals are needed

Air Disinfection

Airborne pathogens are a major concern in high-occupancy commercial spaces. UV-C disinfection systems expose circulating air to germicidal light, **inactivating viruses, bacteria, and mold spores** before they recirculate.

UV-C lights ability to provide fast, residue-free deactivation of viruses, bacteria and fungi **supports seasonal outbreak mitigation** mold remediation, and pandemic preparedness.

VIRUSES KILLED by UV-C LIGHT:

Adenovirus
Avian influenza
Coronavirus
Epiglottitis
Epstein-Barr virus
Haemophilus influenzae
Haemophilus influenzae Serotype b (Hib) disease
Herpes simplex virus
Influenza, human (typical seasonal variations)
Measles (rubeola)/Measles virus
Meningitis Neisseria meningitidis (meningococcal)
Meningococcal
Meningococcal disease sepsis, pneumonia
Monkeypox/Monkeypox virus
Mumps (infectious parotitis)
Mycoplasma, primary atypical
Mycoplasmal pneumonia
Orthomyxoviridae
Parvovirus B19 infection
Pertussis (whooping cough)
Pharyngitis/Adenovirus
Pneumonia
Pneumonic plague/Yersinia pestis
Respiratory syncytial virus (RSV)
Rubella virus infection (German measles)
Severe acute respiratory syndrome (SARS)
Smallpox /Variola virus
Streptococcal disease (group A streptococcus)
Streptococcus Group A
Tuberculosis Diphtheria pharyngeal
Varicella disease (chickenpox, shingles)
Varicella zoster and Herpes zoster viruses

MODEL 450 WITH INSTALLATION OPTIONS



Model 450
Item#: 10-BZ-450VK
Treatment Area: 9,000 Cubic Feet per Unit
Installation Options: Floor, Drop Ceiling, Wall

FLOOR



Ready-To-Go Tower
Item#: 10-BZ-9009-RTGB (Black)
Item#: 10-BZ-9009-RTGW (White)

DROP CEILING



450 + Ceiling Mount Kit
Item#: 10-BZ-450+CM

WALL



450 + Stainless Steel Shelf
Item#: 11-BZ-9090 (Shelf)
Item#: 10-BZ-450VK (Model 450)

MODEL PK-220 **READY TO INSTALL**



Model PK-220

Item#: 10-BZ-PK-220

Treatment Area: 16,000 Cubic Feet per Unit

Installation Options: Drop Ceiling, Wall

Includes: Remote Control, Wall Hanging Bracket

DROP CEILING



WALL



SPACES PROTECTED BY BLUEZONE

Since the pandemic began, organizations have been seeking methods to safeguard their employees, customers, and guests from viruses, bacteria, and mold in the areas where we work, gather, meet, and dine.

Business Offices Breakrooms Fitness Centers
Classrooms Cafeterias Senior Living
FACTORY FLOORS Hotel Lobbies Call Centers
Municipal Buildings Medical Offices Restaurants
DAY CARE CENTERS Conference Rooms Pharmacies



Once a Year Bulb Change

After the initial investment of a Bluezone unit, the only requirement is to change out the UV-C bulbs once a year, a task easily managed by a service technician or the facilities staff.

- Bulb life up to 8,800 hours or one year of continuous operation
- Display counts down bulb life and indicates when to replace bulbs
- NO filters to buy or replace

