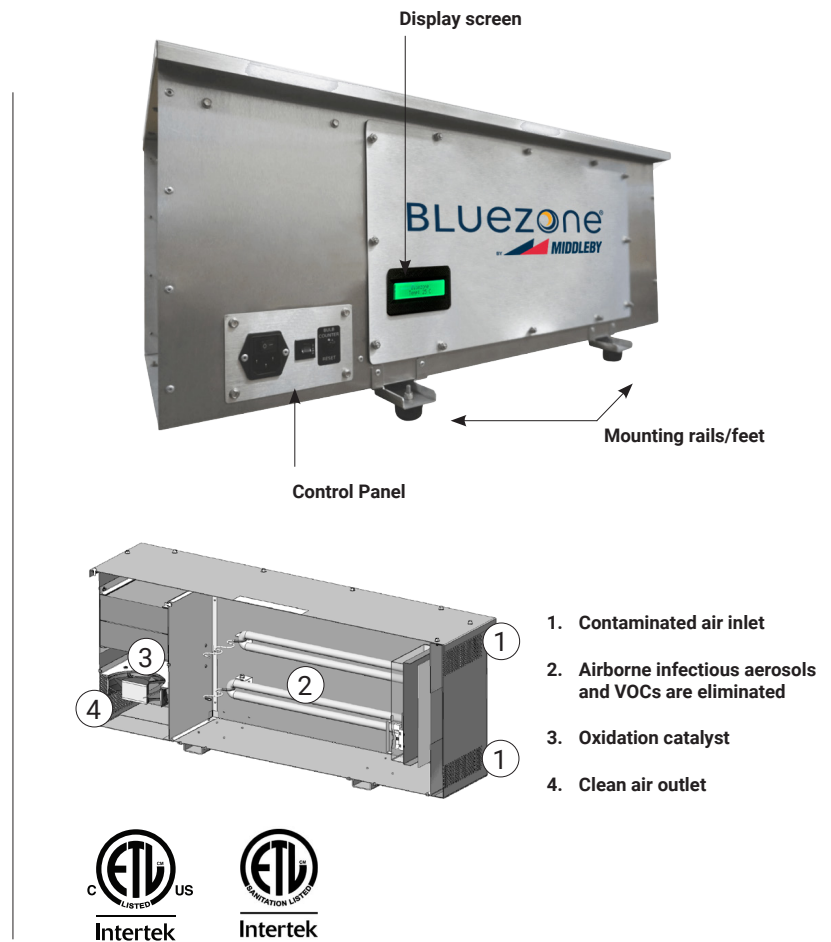


## Viral Kill for Indoor Dining Stand Alone

### Features and Benefits

- Utilizes a combination of self-contained ultraviolet light and room temperature oxidation to destroy viruses and Volatile Organic Compounds (VOCs)
- Technology recommended by Center for Disease Control and Prevention, FDA and scores of scientists as effective against airborne coronavirus transmission
- Safe for use in occupied spaces 24 hours/day
- Destroys up to 99.9995% of airborne infectious aerosols in indoor spaces, so diners can come back inside
- Treats up to 9,000 cubic feet of air per unit; number of units and locations of each are customized for each restaurant
- Easy to clean – no contaminated filters
- Easy to install – mounts to ceiling or wall or place on shelf
- Bulb life up to 8,800 hours
- IoT compatible with OpenKitchen (ConnectWare required)
- One-year limited warranty



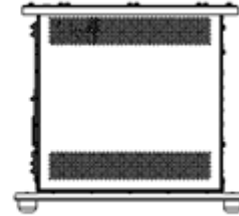
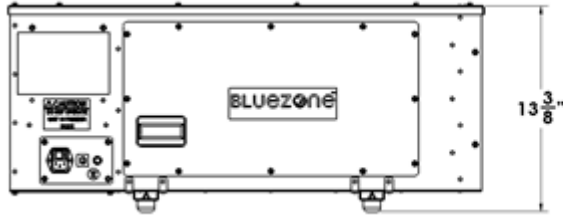
Reduction of MS2  
Bluezone by Middleby 450

| Bioaerosol Type                  | Species                                  | Trial ID |                   | 15 min.        | 30 min.        | 45 min.         | 60 min.         |
|----------------------------------|--|----------|-------------------|----------------|----------------|-----------------|-----------------|
| Virus                            | MS2 bacteriophage<br>(RNA E. coli phage) | T1       | Net Log Reduction | -1.52          | -3.25          | -4.25           | -5.52           |
|                                  |  |          | Net % Reduction   | 96.9552%       | 99.9439%       | 99.9944%        | 99.9997%        |
|                                  |  | T2       | Net Log Reduction | -1.48          | -3.59          | -5.05           | -5.20           |
|                                  |  |          | Net % Reduction   | 96.7060%       | 99.9740%       | 99.9991%        | 99.9994%        |
|                                  |  | T3       | Net Log Reduction | -1.75          | -3.34          | -4.50           | -5.24           |
|                                  |  |          | Net % Reduction   | 98.2128%       | 99.9540%       | 99.9968%        | 99.9994%        |
| <b>Average Net Log Reduction</b> |  |          |                   | <b>-1.58</b>   | <b>-3.39</b>   | <b>-4.6</b>     | <b>-5.32</b>    |
| <b>Average Net % Reduction</b>   |  |          |                   | <b>97.291%</b> | <b>99.957%</b> | <b>99.9968%</b> | <b>99.9995%</b> |

This study was conducted in compliance with FDA Good Laboratory Practices (GLP) as defined in 21 CFR, Part 58 using aerosolized MS-2 bacteriophage, a surrogate for SARS-COV-2, in a room-sized test chamber.

# 450

## Viral Kill for Indoor Dining Stand Alone



| SPECIFICATION CATEGORY MODEL 450 VIRAL KILL |  |
|---|--|
| Size  | 31" X 14" X 13.375" (79 cm X 36 cm x 34 cm)  |
| Weight                                      | 25 lb. (11 kg.)  |
| Input Voltage and Current                   | 120 VAC, 1-phase, 3 amps   |
| Electrical Connection                       | 120 VAC power cord or pigtail  |
| Operating Environment                       | 34°F-104°F (1°C- 40°C)   |
| Storage Environment                         | -40°F-150°F (-20°C- 65°C)<br>Up to 85% Relative Humidity (RH)  |
| Flow Rate                                   | 150 CFM  |
| Power                                       | Max 350 watts  |
| Certifications                              | cETLus Listed, ETL Sanitation, NSF/ANSI 2 Sanitation (Pending), California Air Resource Board (CARB) for no ozone emission |
| Mounting Options                            | Hung from ceiling, placed on shelf/rack/cart, or mounted to wall   |
| Shipping                                    | Carton Measurements: 36" X 20" X 20" (91cm X 51cm X 51cm)<br>Total Shipping Weight: 28 lb. (13 kg.)                        |