

Project Name: \_\_\_\_\_

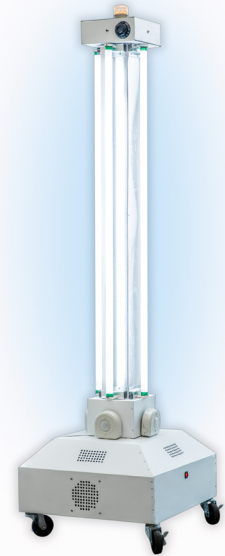
Series P/Ns: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Date: \_\_\_\_\_

**PRODUCT FEATURES**

- ✓ 360° UV-C Coverage
- ✓ Motion-Sensor Safety Cutoff
- ✓ FCC compliant with Part 15 Class A
- ✓ Environmentally safe – uses no chemicals
- ✓ Inactivates viruses & bacteria in air and on surfaces
- ✓ Remote Control On/Off Switch on Safety Stand
- ✓ Produces no ozone or other contaminants
- ✓ 5 Year, Non-prorated Warranty (excluding bulbs)
- ✓ Six foot tall unit to deliver balanced and uniform UV exposure
- ✓ Automatically shuts off if movement is detected and sounds alarm
- ✓ Powerful fans in base circulate air in treatment area for maximum disinfection
- ✓ High-quality locking casters allow easy movement and positioning of unit
- ✓ Removable warning stand with remote on/off switch incorporated into handle
- ✓ EPA-Registered Manufacturing Facility
- ✓ Made in the USA



**PRODUCT INFO**

| P/N                                 | NZGUV® DT-836                                      |
|-------------------------------------|--|
| <b>Description</b>                  | 8-Bulb Germicidal UV-C Portable Disinfecting Tower |
| <b>Type</b>                         | Disinfecting Luminaire                             |
| <b>EPA Registration</b>             | Reg. No. 98440-DV-2, EST. No. 98440-GA-1           |
| <b>UV-C Wavelength</b>              | 253.7 nm   |
| <b>Beam Angle</b>                   | 360°   |
| <b>Input Voltage</b>                | 120V 50/60Hz                                       |
| <b>Operating Temp.</b>              | 23°F TO 100°F                                      |
| <b>Power Cord</b>                   | 20' Power cord                                     |
| <b>Lamps</b>                        | (8x) NetZero USA® 36W 253.7 nm quartz UV-C lamp    |
| <b>Lamp Rated Life</b>              | 9000 hours   |
| <b>Housing</b>                      | Steel construction                                 |
| <b>Warranty</b>                     | 5 Years (excluding bulbs)                          |
| <b>Coverage Area</b>                | 1000 sq. ft.                                       |
| <b>Motion Sensor Safety Cutoff</b>  | ✓  |
| <b>Remote Control On/Off Switch</b> | ✓  |
| <b>Timer Control</b>                | ✓  |

**PRODUCT APPROVALS**

| P/N                                   | NZGUV® DT-836 |
|---------------------------------------|---------------|
| <b>In-Operation Warning Lamps</b>     | ✓             |
| <b>EPA Registered</b>                 | ✓             |
| <b>UL 153 Compliant</b>               | ✓             |
| <b>CSA C22.2 #2520.4 Compliant</b>    | ✓             |
| <b>RoHS Compliant, BAA Compliant</b>  | ✓             |
| <b>FCC Compliant, Part 15 Class A</b> | ✓             |
| <b>FIFRA Compliant</b>                | ✓             |



## PHOTOBIOLOGICAL INFO

| Room Size                 | Room Dimensions | Distance from unit | Avg uW/cm2 | Avg m/J per minute |
|---------------------------|-----------------|--------------------|------------|--------------------|
| 100 ft <sup>2</sup>       | 10 ft x 10 ft   | 5 ft               | 292        | 17.52              |
| -                         | -               | 6 ft               | 224.75     | 13.485             |
| 200 ft <sup>2</sup>       | 14 ft x 14 ft   | 7 ft               | 176        | 10.56              |
| -                         | -               | 8 ft               | 141.25     | 8.475              |
| 300 ft <sup>2</sup>       | 17 ft x 17 ft   | 9 ft               | 115.5      | 6.93               |
| 400 ft <sup>2</sup>       | 20 ft x 20 ft   | 10 ft              | 95.5       | 5.73               |
| 500 ft <sup>2</sup>       | 22 ft x 22 ft   | 11 ft              | 83         | 4.98               |
| 600 ft <sup>2</sup>       | 24 ft x 24 ft   | 12 ft              | 69.25      | 4.155              |
| 700 ft <sup>2</sup>       | 26 ft x 26 ft   | 13 ft              | 59.75      | 3.585              |
| 800 ft <sup>2</sup>       | 28 ft x 28 ft   | 14 ft              | 52.75      | 3.165              |
| 900 ft <sup>2</sup>       | 30 ft x 30 ft   | 15 ft              | 46         | 2.76               |
| 1000 ft <sup>2</sup>      | 31 ft x 31 ft   | 16 ft              | 40.5       | 2.43               |
| 1100 ft <sup>2</sup>      | 33 ft x 33 ft   | 17 ft              | 36.25      | 2.175              |
| 1200-1300 ft <sup>2</sup> | 35 ft x 35 ft   | 18 ft              | 32.75      | 1.965              |
| 1400 ft <sup>2</sup>      | 37 ft x 37 ft   | 19 ft              | 28.75      | 1.725              |
| 1500-1600 ft <sup>2</sup> | 39 ft x 39 ft   | 20 ft              | 27.25      | 1.635              |

- From a published, 2020 study by Signify and Boston University, "The team applied a [UV-C] dose of 5 mJ/cm<sup>2</sup>, resulting in a reduction of the SARS-CoV-2 virus of 99% in 6 seconds. Based on the data, it was determined that a dose of 22 mJ/cm<sup>2</sup> will result in a reduction of 99.9999% in 25 seconds."
- A 3-log reduction of MRSA and C.Diff, based on 50 and 100 mJ/cm<sup>2</sup> respectively.

| Pathogen | UV-C Dose to Inactivate* |
|----------|--------------------------|
| Covid 19 | 22 mJ/cm <sup>2</sup>    |
| MRSA     | 50 mJ/cm <sup>2</sup>    |
| C-Diff   | 100 mJ/cm <sup>2</sup>   |

\* Based on published information.

## PRODUCT WARNINGS

To guard against damage, observe manufacturer's instruction and basic safety precautions. Read and follow all instructions, warnings and safety instructions. Do not expose eyes and skin to direct or reflected UV-C rays.

## LAMP REPLACEMENT

For optimum performance, replace UVC lamps after 9,000 hours of operation or one year of operation. Contact NetZero USA<sup>®</sup> for appropriate lamp replacements.