

PRODUCT FEATURES

- ✓ 360° UV-C Coverage
- ✓ Motion-Sensor Safety Cutoff
- ✓ 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
- ✓ 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
- ✓ Removable warning stand with remote on/off switch incorporated into handle
- ✓ EPA-Registered Manufacturing Facility & FCC compliant



PRODUCT INFO

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

PRODUCT APPROVALS

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



PHOTOBIOLOGICAL INFO

ROOM SIZE	ROOM DIMENSION	DISTANCE FROM UNIT	Avg m/J per minute	Avg m/J Per Minute
100 ft	10 ft x 10 ft	5 ft	292	17.52
-	-	-	224.75	13.485
200 ft	14 ft x 14 ft	7 ft	176	10.56
-	-	-	141.25	8.475
300 ft	17 ft x 17 ft	9 ft	115.5	6.93
400 ft	20 ft x 20 ft	10 ft	95.5	5.73
500 ft	22 ft x 22 ft	11 ft	83	4.98
600 ft	24 ft x 24 ft	12 ft	69.25	4.155
700 ft	26 ft x 26 ft	13 ft	59.75	3.585
800 ft	28 ft x 28 ft	14 ft	52.75	3.165
900 ft	30 ft x 30 ft	15 ft	46	2.76
1000 ft	31 ft x 31 ft	16 ft	40.5	2.43
1100 ft	33 ft x 33 ft	17 ft	36.25	2.175
1200-1300 ft	35 ft x 35 ft	18 ft	32.75	1.965
1400 ft	37 ft x 37 ft	19 ft	28.75	1.725
1500-1600 ft	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/cm², 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/cm² 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/cm² respectively.

Pathogen	UV-C Dose to Inactivate*
COVID	22 mJ/cm ²
MRSA	50 mJ/cm ²
C-Diff	100 mJ/cm ²

* 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.

PRODUCT WARNINGS

For optimum performance, replace UVC lamps after 9,000 hours of operation or one year of operation. Contact Equally® for appropriate lamp replacements.