

# American Ultraviolet

## MRS45-12 MOBILE UV UNIT

This unit uses 360 degree motion sensors as a safety precaution and features twelve (12), 45" slimline UVC lamps optically centered around a highly polished reflector for maximum intensity. System controls are located directly on the unit, which allows utilization of a touchscreen with 3 pre-programmed disinfection cycle times, and the option to manually set disinfection cycles times.

### FEATURES

- 304 stainless steel construction
- Motion sensors for 360-degree automatic shut-off
- Large, high quality, locking casters for ease of transport
- 120/220 Volt, 50/60 Hertz
- Formed stainless tube structure protects lamps and improves ability to handle and transport the unit
- Access panel for ease of maintenance
- Touchscreen controller with preset and manual disinfection cycles
- 15 foot power cord

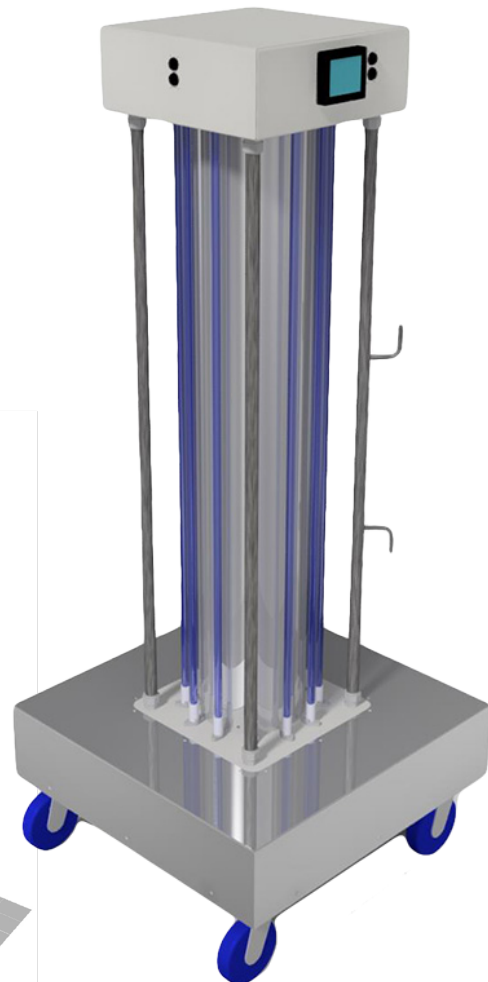
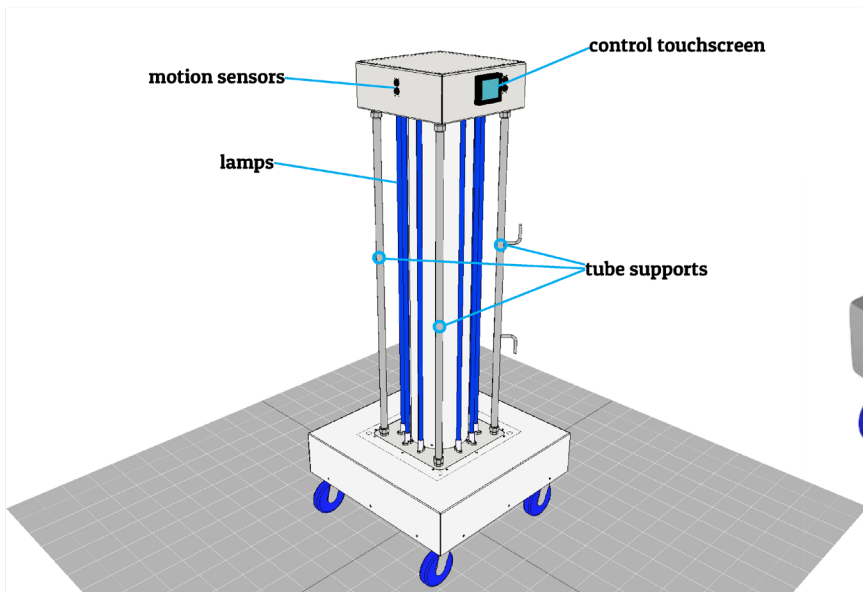
### Technical Specifications

Weight: 90lbs.

Dimensions: 67"H x 26"W x 26"D

Lamps: GML515 (x 12)

Electrical Requirements: 8A @ 120V / 4.5A @ 220V



UV Germicidal Solutions



[www.americanultraviolet.com](http://www.americanultraviolet.com)

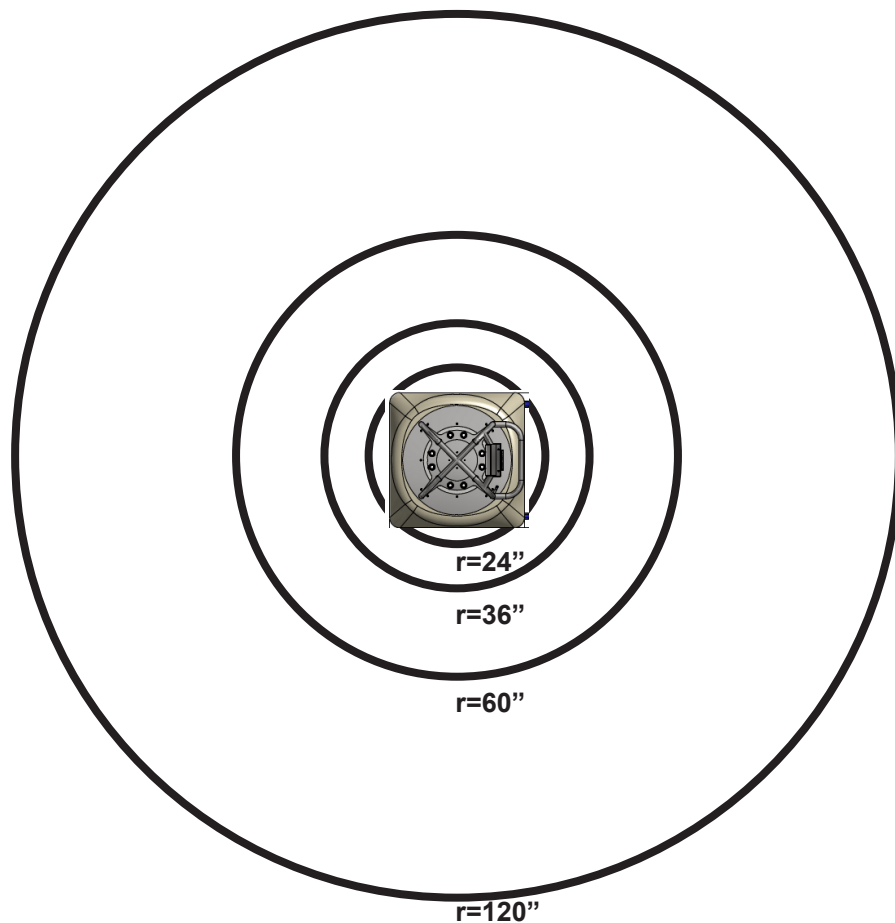


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UV Exposure (mJ/cm<sup>2</sup>) at Specified Distances

Time	24"	36"	60"	120"
1 min	257	134	50	12
15 min	3866	2024	749	190
30 min	7732	4048	1499	381
45 min	11598	6072	2249	572
1 hour	15464	8097	2999	763
2 hours	92787	48583	17999	4579



The above chart is offered as a reference point, using fresh lamps and does not account for objects physically blocking UV ray transmission.

Prolonged, direct exposure to UVC light can cause temporary skin redness and eye irritation, but does not cause skin cancer or cataracts. American Ultraviolet systems are designed with safety in mind and, when properly installed by a professional contractor, do not allow exposure to UV irradiation and allow for safe operation and maintenance.

