

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:

American Ultraviolet MRS45-12 Mobile UV unit

- 304 stainless steel construction
- Motion sensor 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
- 15 foot power cord
- Remote key fob on/off



TECHNICAL SPECIFICATIONS

- Weight: 90lbs.
- Dimensions: 67"Hx26"Wx26"D
- Lamps: GML515 x 12
- Electrical Requirements:
 - o 8A @ 120V
 - o 4.5A @ 220V



**American
Ultraviolet®**

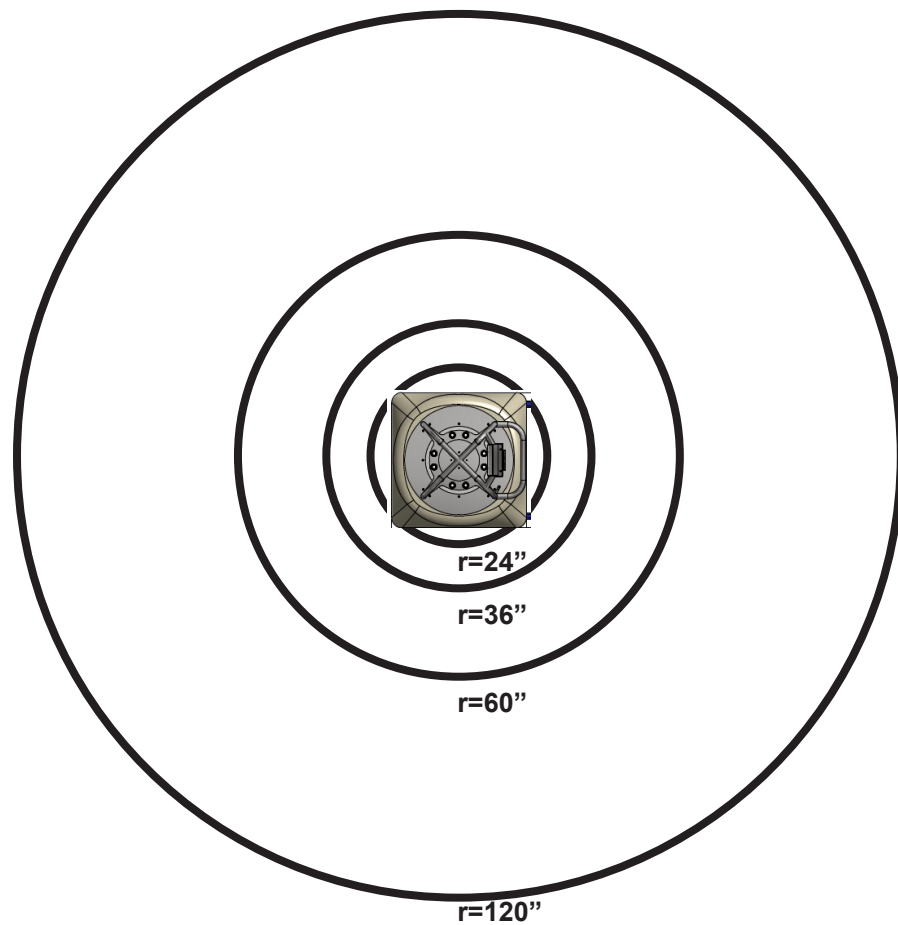
Since 1960. It's all we do.



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UV Exposure ($\mu\text{J}/\text{cm}^2$)
at Specified Distances

Time	24"	36"	60"	120"
1 min	257,000	134,000	50,000	12,000
15 min	3,855,000	2,010,000	750,000	180,000
30 min	7,710,000	4,020,000	1,500,000	360,000
45 min	11,565,000	6,030,000	2,250,000	540,000
1 hour	15,420,000	8,040,000	3,000,000	720,000
2 hours	30,840,000	16,080,000	6,000,000	1,440,000



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.

