

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 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

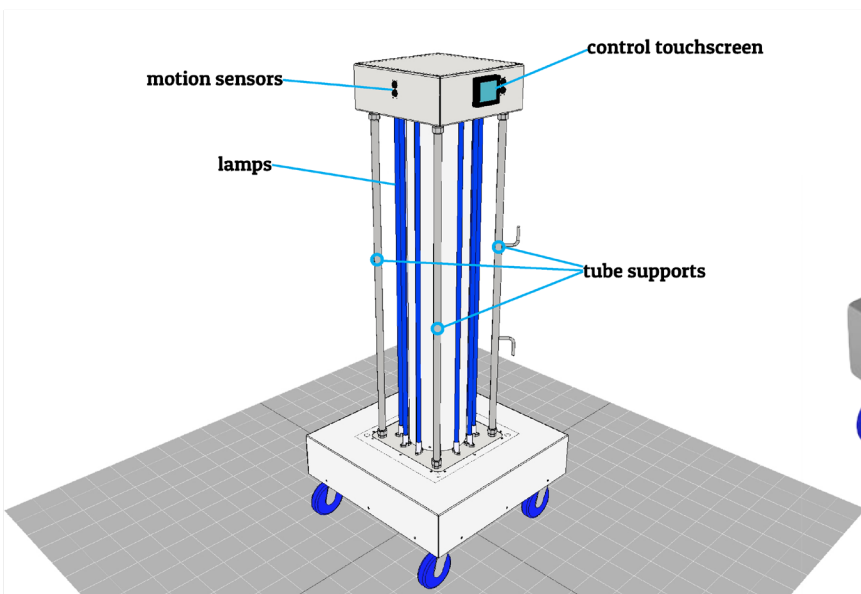
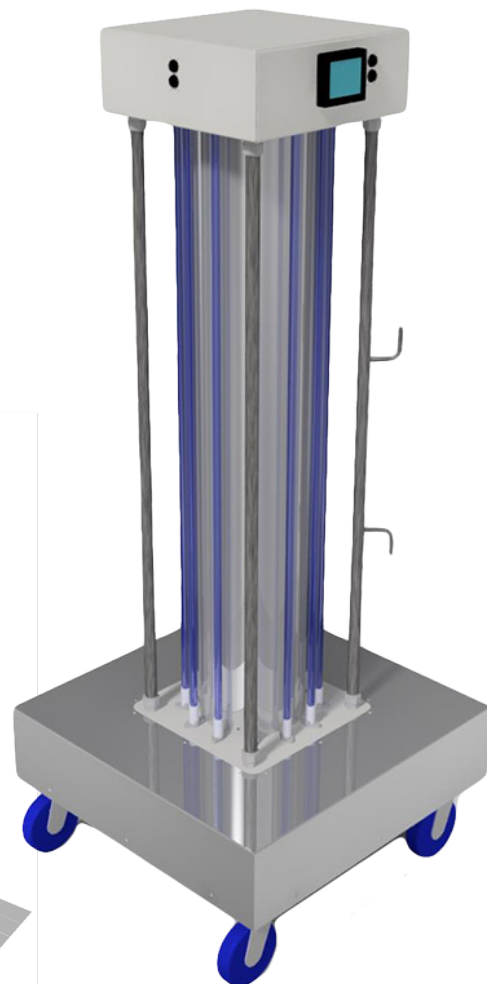
Technical Specifications

Weight: 90lbs.

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

Lamps: GML515 (x 12)

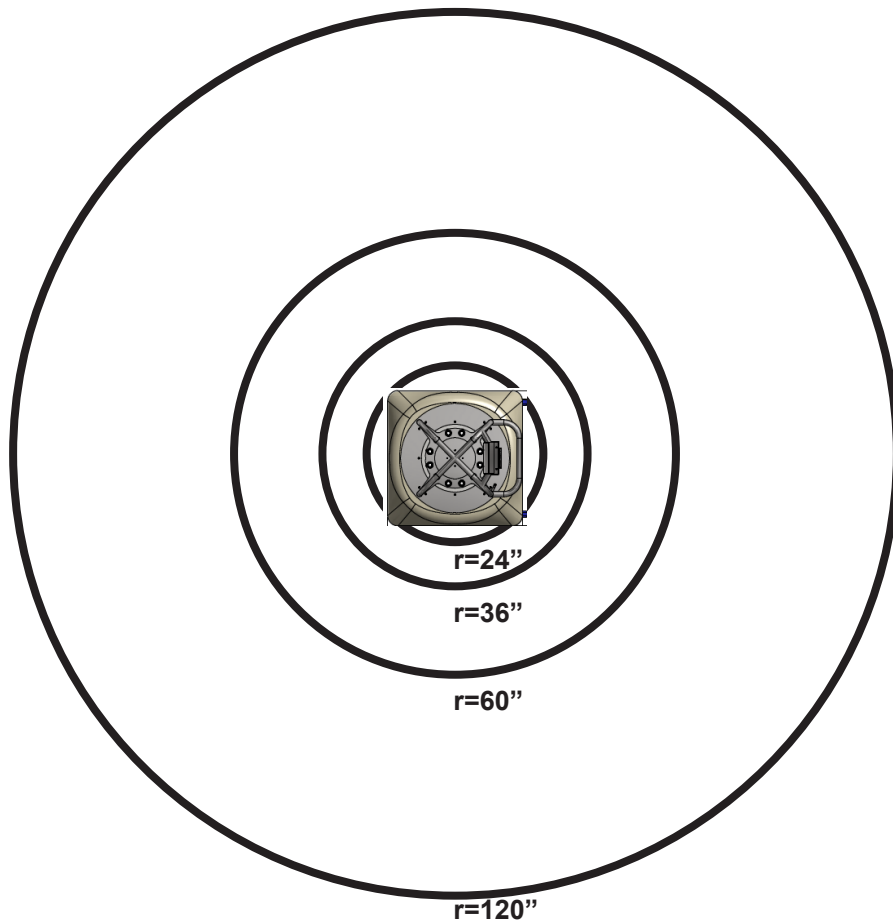
Electrical Requirements: 8A @ 120V / 4.5A @ 220V



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UV Dose (mJ/cm²) at Specified Distances / Exposure Times

| 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. The MRS45-12 UV systems are designed with safety in mind and, when operated properly according to the directions for use, do not allow exposure to UV irradiation and allow for safe operation and maintenance.

