



**Krystalair® (UVC) MRS-24B**

### Introduction of Krystalair® (UVC) Mobile Room Sterilizer MRS-24B

Very user friendly and designed specifically for direct, prolonged UVC treatment inside rooms. Simply place the MRS inside the room for germicidal disinfection, set the timer for desired exposure time, hit start and walk away. Use Remote Control system to allow the operator to switch on after exiting the room. The MRS unit will disinfect all air and surfaces within its reach until the pre-set period of time has been met.

The KrystalAir® MRS is mounted on caster wheels to facilitate easy movement between multiple rooms that require UVC treatment. When the UV germicidal disinfection is completed in one room, smoothly wheel it into the next room.

The UVC Germicidal Irradiation (UVGI) Lamp (253.7nm wavelength) fixtures enhance the value of all air conditioning and air-circulating systems by maximizing systems efficiency and prolonging cooling coil life. By treating air that passes through the ultraviolet light, it will deactivate DNA-based airborne contaminants (bacteria, viruses, mold spores, yeast and protozoa) including human Coronaviruses and provide occupants in offices and work places with much healthier air. Thousands of these UVGI lamps have been installed in hospitals, clinics, processing plants, commercial offices, manufacturing sites and other commercial facilities around the world to ensure healthier Indoor Air Quality.

KrystalAir® UVC Mobile Room Sterilizer (MRS) units are used in hospitals, laboratories, hotels, restaurants schools, offices, childcares, commercial area, pharmaceutical, industrial and residential spaces that require direct, prolonged Ultraviolet Germicidal Irradiation treatment.

### Benefits



- Double UVC Tubes (48 Inch x 2).
- Produces no ozone or other secondary contaminants.
- Sterilizes airborne and surface DNA-based contaminants.
- Fitted with programmable timer to set desired exposure time or permanently ON.
- Caster wheels allow use in multiple rooms without any permanent fixtures installation.
- Auto shutdown system when someone comes close to equipment for safety purpose.
- Wireless Remote Control system.



Workplace

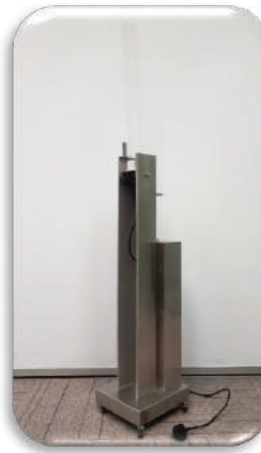


Laboratories

Proven effective in deactivating all airborne and surface microorganisms



135°



180°



UV Germicide



SMART Sensor



Wireless Remote Control

## Technical Specifications

Brand	KrystalAir®
Model Mobile Room Sterilizer (MRS)	KA-MRS-24B
Power, Length of UV lamps,	120W/Tube (High Output lamp), 600mm (U-Type)
Number of Lamps	2 lamps (U-Type)
Applicable coverage room volume	≥480m <sup>3</sup>
UV wavelength	253.7nm
Lamp lifespan	12,000 hrs +/-
Irradiance @ 1.0m distance	≥640μw/cm <sup>2</sup>
Electrical	220V-240V/1PH/50Hz
SMART Sensor	PIR movement sensor at approx. 5m distance
Disinfect Area	360 °
Movable and foldable, the lamps could be stored concealed inside housing and adjustable to various angles	30°, 60°, 90°, 135°, 180°
Ease of Mobility	Built in caster wheels
Operation Timer function capability	Pre-set 30 & 60 minutes
Unit Housing	Stainless Steel
Unit Weight	14.5 kg
Overall dimension (when turned OFF/ for storing) ( L x W x H)	280mm x 250mm x 1060mm

