# Ericson UV-C Perma-Kleen™ Cart
# Mobile Surface Disinfection Unit

**ERICSON®**
SAFETY IS OUR STANDARD

Passive Infra Red (PIR) motion safety

Chemical free, 254nm wavelength UVC pathogen elimination

UV-C 33" or 55" bulbs

HMI & PLC System w/ E-Stop

Audible alarm system for added safety

Antimicrobial powder coated paint

Ventilation fans on each unit

**PERMA⊗KLEEN™**

UVC-PKCART-MAX-LP

CE  IP56

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## How does UV-C kill germs?

Ultraviolet germicidal irradiation (UVGI) is a disinfection method that uses short-wavelength ultraviolet (ultraviolet C or UVC) light to kill or inactivate microorganisms by destroying and disrupting their DNA leaving them unable to perform vital cellular functions. UV light requires the use of germicidal wavelengths of 185-254 nanometers (nm).

## Standard Features:

Cart Design:
- Rugged industrial cart with 4 rubber caster wheels
- Anti-microbial powder coating of frame
- Corner Bumpers on frame to protect against impact during transport
- Complete frame barrier to protect UV-C bulbs
- E-Stop on all units
- PIR Motion detection sensor(s) prevent unsafe operation
- Environmental Rating: IP56
- 2 year warranty on components
- Made in USA

Bulb Design:
- Low pressure mercury vapor HO quartz bulbs
- Shatterproof coating on all bulbs

## Applications:

**Medical & Heathcare Facilities**
- Linen Transport Vehicles
- Soiled Sortation
- Surgical Centers
- Surgical Pack Rooms
- Ambulances
- Long Term Care Centers
- Nursing Homes
- Medical Offices
- Hospital Patient Rooms

**Other High Touch Point Areas**
- Offices & Work Areas
- Call Centers
- Classrooms
- Fitness Centers
- Locker Rooms
- Firehouses
- Hotels/Lodging

## Options:

- UV-C Wattage options of 175, 240, 320
- Room sizing technology that calculates area of room for exposure time
- Safety shutdown via PIR motion monitoring @ 130, 260, or 360 degrees
- Product dimensions: 52"x 30" or 72" x 24"
- Storage dust cover available for all units

## Replacement Parts:

| Part Number | Part Description |
|---|---|
| UVC-PKCART-QL33 | Replacement 33" Bulb for ECO and MAX-LP |
| UVC-PKCART-QL55 | Replacement 55" Bulb for MAX and ULTRA |
| UVC-PKCART-WDC1 | Water and Dust Cover for ECO and MAX-LP |
| UVC-PKCART-WDC2 | Water and Dust Cover for MAX and ULTRA |

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| Part Number | UVC-PKCART-ECO | UVC-PKCART-MAX-LP | UVC-PKCART-MAX | UVC-PKCART-ULTRA |
|---|---|---|---|---|
| Model Grade | Value Grade (Low Profile) | Gold Standard (Low Profile) | Gold Standard | Platinum Level |
| UV-C Watts | 175 | 240 | 320 | 320 |
| Amp Draw | 6 | 8 | 8 | 8 |
| Input Volts | 120 | 120 | 120 | 120 |
| # of UV-C Bulbs | 12 | 16 | 8 | 8 |
| Bulb Length (in.) | 33 | 33 | 55 | 55 |
| # of PIR Safety Sensors | 1 | 2 | 2 | 4 |
| Degrees of Protection | 130 | 260 | 260 | 360 |
| HMI & Size (in.) | No / Buttons | Yes / 4 | Yes / 4 | Yes / 6 |
| Volume adj. Cycle Buzzer | No | Yes | Yes | PLC |
| Room Sizing Tech | No | No | No | Yes |
| Remote Control on/off Key Fob | No | No | No | Yes |
| Caster Size (in.) | 4" | 6" | 6" | 6" |
| Product Weight (lbs.) | 110 | 120 | 200 | 210 |

**YEARS STRONG** **ERICSON**

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