

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



**PERMAKLEEN™**

UVC-PKCART-MAX-LP



## 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 & Healthcare 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



**Selections Guide:** See [www.products.ericson.com](http://www.products.ericson.com) for full product offering.

Part Number	UVC-PKCART-ECO	UVC-PKCART-MAX-LP	UVC-PKCART-MAX	UVC-PKCART-ULTRA
<b>Model Grade</b>	VALUE GRADE (LOW PROFILE)	GOLD STANDARD (LOW PROFILE)	GOLD STANDARD	PLATINUM LEVEL
<b>UV-C Watts</b>	175	240	320	320
<b>Amp Draw</b>	6	8	8	8
<b>Input Volts</b>	120	120	120	120
<b># of UV-C Bulbs</b>	12	16	8	8
<b>Bulb Length (in.)</b>	33	33	55	55
<b># of PIR Safety Sensors</b>	1	2	2	4
<b>Degrees of Protection</b>	130	260	260	360
<b>HMI &amp; Size (in.)</b>	No / Buttons	Yes / 4	Yes / 4	Yes / 6
<b>Volume adj. Cycle Buzzer</b>	No	Yes	Yes	PLC
<b>Room Sizing Tech</b>	No	No	No	Yes
<b>Remote Control on/off Key Fob</b>	No	No	No	Yes
<b>Caster Size (in.)</b>	4"	6"	6"	6"
<b>Product Weight (lbs.)</b>	110	120	200	210

