

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



PERMAKLEEN™

UVC-PKCART-MAX-LP

IP56

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
- Bulb life of 12,000 hrs

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

Certifications and Test Methods:

- Cart control panel is cULus listed to UL508A and CSA C22.2 No. 14
- Antimicrobial efficacy evaluated with a method substantially in accordance with ASTM E1153
- Factory Special Inspection Service available to approve individual units or small lots to CSA SPE-1000 or UL508.



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Selections Guide: See www.products.ericson.com for full product offering.

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

