

HONEYWELL UV TREATMENT SYSTEM FOR TRANSPORTATION

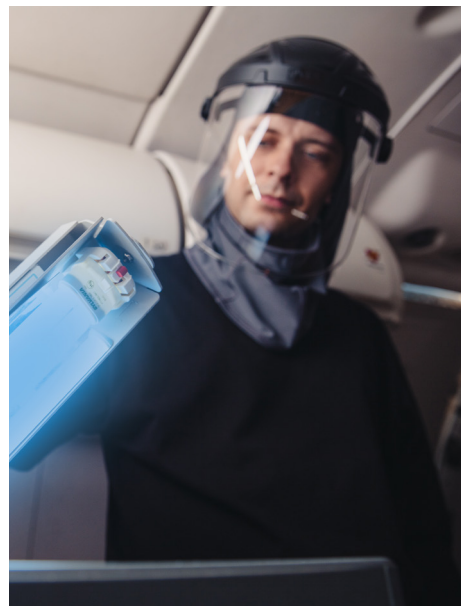
The next evolution in our UVC technology to enhance passenger and crew confidence while improving the overall travel experience

Honeywell

CONSISTENCY WHERE IT COUNTS

The Honeywell UV Treatment System is a portable ultraviolet-c light (UVC) cart specifically designed for public transport systems like aircraft, railways, buses and ferries.

The Honeywell UV system has been found in a clinical study to achieve > 99.9% reduction of tested pathogens. In on-aircraft testing, the system achieved > 99.9% reduction of the tested pathogen on various surfaces including tray tables, seat arm rests, lavatory seat and wash basin.



HIGH-INTENSITY UVC

The Honeywell UV Treatment System irradiates high-intensity 254nm UVC light across entire cross-sections of seating at once.

FLEXIBILITY

Telescoping wings can adapt to a variety of seating configurations. An attached hand wand offers extra maneuverability in tight spaces.

COMPACT AND ROBUST

About the size of an aircraft beverage cart, the system can treat thirty rows of seats in less than ten minutes, maximizing fleet efficiency. Its robust frame with sliding light cover offers added protection during transfer.

COST-EFFECTIVE

This UV Treatment System can be implemented for as little as \$2 per use, depending on fleet size and treatment frequency.

These product concepts are currently under development. No testing has been done specifically as to protection against COVID-19. As with all of our products and services, Honeywell will adhere to its commitment to integrity and compliance within its global supply chain; meet relevant legal, scientific and industry standards; substantiate claims; and obtain necessary regulatory approvals as products progress through the development process.

HONEYWELL UV TREATMENT SYSTEM

DIMENSIONS

Stowed configuration	43"H x 36"L x 13.5"W
Weight	160 lbs
Minimum aisle width	13.5"
Max width (wings extended)	96.5"
Max height (center assembly up)	76" Hand wand cable length: 8 ft.

POWER SOURCE

Battery type	48V Li-MNC
Use time before recharge	30 minutes
Recharge time	180 minutes (max) Battery can be exchanged by user in < 1 minute without tools Charger accepts 120/240VAV - 50/60Hz input

LIGHTING SPECIFICATIONS

Light type	253.7nm Germicidal UVC
Number of lamps	14
Total lamp wattage	970W

PLANNED CERTIFICATIONS

FCC/IC (N. America) EMC, LVD, RoHS (EU); CE; CB

MAINTENANCE

Replace lamps as needed Four-Year Service Agreement available	Monthly fee for four-year bulb and part replacement
Lamps rated for	9000 operating hours

OPERATOR REQUIREMENTS/ TREATMENT TIME

Operated by one user. Tested treatment time for 30 rows of seating (1 aisle) = 8-10 minutes	Tested treatment time includes 2 passes in passenger seating areas + treatment of 2 galleys and 3 lavatories
Cart speed	Variable, 0.6ft/sec for 8-10 minute treatment

OPERATOR SAFETY FEATURES

Spring-loaded operation switches on cart and hand wand cut-off lights when not held
Amber warning beacon illuminates when lights are activated

INCLUDED WITH SYSTEM

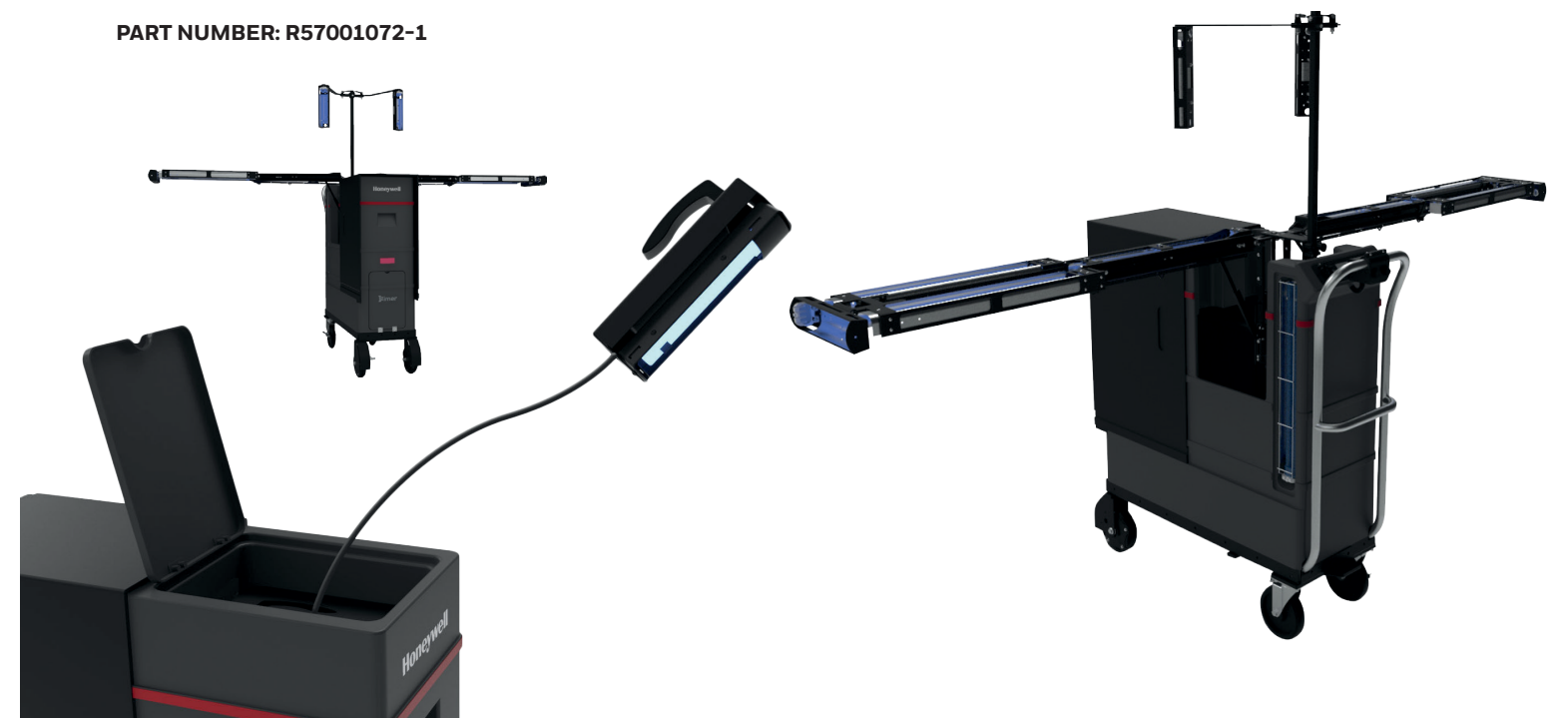
Battery charger and users guide

PPE

Always operate in a manner to limit operator and bystander exposure to UVC. Ensure that anyone exposed to UVC has access to the correct personal protective equipment (PPE) for UVC, which should at a minimum include gloves to protect hands, suitable work clothes to protect other areas of exposed skin, headwear to protect the head and neck, goggles, mask, visors or face shields, which absorb UVC radiation, to protect the eyes. Consult local/national regulatory and applicable certifying organizations for recommended PPE and administrative procedures for safe use. These include, but are not limited to:

- International Commission on Non-Ionizing Radiation Protection (ICNIRP)
- US Only: National Institute for Occupational Safety and Health (NIOSH)
- US Only: American Conference of Governmental Industrial Hygienists (ACGIH)

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For more information

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WE
MAKE IT**

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