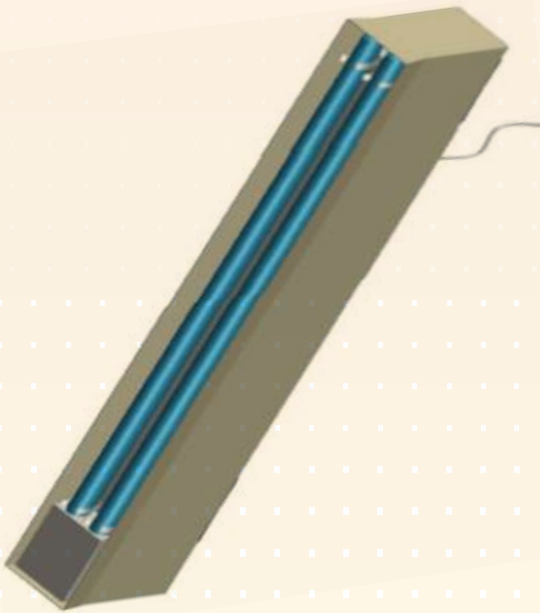


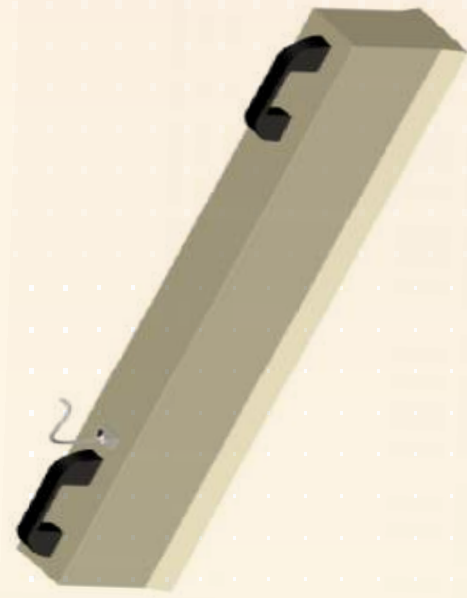
# HANDHELD

## GERMICIDAL PRODUCT FOR SURFACE DISINFECTION

Rapid Disinfection of any Surface ★ Over 99.9% Kill rate of Coronavirus



**BOTTOM VIEW**



**TOP VIEW**

HandHeld is a portable disinfection unit, designed for rapid sanitation of any surface. Lightweight and portable, the operator positions HandHeld close to any target surface, and moves the 3ft long unit along the surface as needed for full coverage.

HandHeld is the perfect solution to rapidly disinfect raised surfaces, recessed vertical surfaces, angled surfaces, and any other target surface. These systems are safe for use on any common surface, including food, at the recommended exposure.

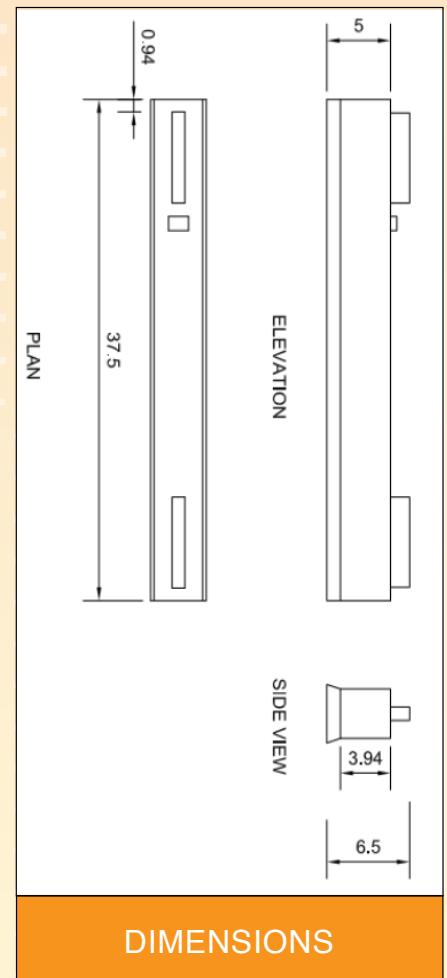
HandHeld exceeds 99.9% kill rate of coronavirus when the target surface is within six inches of the UV lamps, for a duration of 1 second (12" = 2 seconds). For any target surfaces of greater distance, please contact us for recommended exposure time to achieve desired kill rate.

# HANDHELD

## GERMICIDAL PRODUCT FOR SURFACE DISINFECTION

### Product Features

- Over 99.9% kill rate of coronavirus when used as directed.
- Delivers above kill rate for 3ft x 4" surface area when operated within 6" of target surface at an exposure time of 1 second (requires 2 seconds for 12" distance).
- Effectively disinfects 52 sqft of surface area in 1 minute when used as directed above.
- Irradiates every illuminated surface as per above. Not susceptible to shadow since unit position changes as unit travels.
- Conveniently mounted thumb switch toggles unit on or off as needed.
- Light weight at 6.5lbs (3Kg) enables easy operation by a single person.
- Alternative to chemical treatments as manual chemical application is subject to missed spots and human error.
- Surfaces do not require direct human contact when disinfecting.
- Safe to treat nearly any surface.
- Requires only one operator, wearing UV eyewear and appropriate clothing / hand gloves.
- The lamp is high output type **425 mA each**, with a rated lamp life of **12000 hours** & emitting at **253.7 nM** (recommended UVC wavelength).
- Two lamps in a single fixture for Increased energy and spread.
- Lamps are housed in a custom profile aluminum reflector mirror surface with specular reflectivity of 86% which diverts UVC power emitted on all sides of the lamps back on the target surface.
- Power consumption = 90W (0.75A, 120V/1ph) from standard wall outlet.
- Power Supply for UV Cart System is **230 V / 50 Hz**.
- UV Fixture Listed to UL 1995
- UVGI Fixture are CE certified & UL listed to assure total safety (in accordance to Fire & Smoke Safety UL 2043)
- Lamps are housed individually in quartz sleeves equivalent to GE 214 to ensure a high rate of transmission of UV Intensity. The quartz sleeve is essential to ensure multiple beneficial features;
  - o Prevent dust particle from settling on lamp surface.
  - o Ensure Lamp surface is maintained at a constant temperature.
  - o Prevent contact of water or moisture on the lamps in the event of any spillage.
  - o Contain and hold mercury from slippage out of the lamp, in the event of breakage of lamp.
  - o Facilitate environmentally safe disposal of broken lamps.
- Product Developed in collaboration with **Ruks Engineering, Canada**.



Product design and innovation is a continuous process in VOLTAS and hence the above specifications are subject to change without notice.

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# VOLTAS

### VOLTAS LIMITED

Domestic Projects Group, Voltas House 'B', 3rd floor, T. B. Kadam Marg, Chinchpokli, Mumbai-400 033, India.

Tel: +91 22 6665 6857. Email: [kpuranda@voltas.com](mailto:kpuranda@voltas.com), [joydeepmukherjee@voltas.com](mailto:joydeepmukherjee@voltas.com), [ashwanikumar@voltas.com](mailto:ashwanikumar@voltas.com), [bijogeorge@voltas.com](mailto:bijogeorge@voltas.com), [jatinpanchal@voltas.com](mailto:jatinpanchal@voltas.com), [vserve@voltas.com](mailto:vserve@voltas.com)

Website: [www.voltas.com](http://www.voltas.com) Customer Care: 9100660100

**NORTH ZONE:** DELHI (011) 66505659/66505678/66505680/66505657 **CHANDIGARH** (0172) 6610124 **JAIPUR** (0141) 6541011 **LUCKNOW** 8840739788 **EAST ZONE:** KOLKATA (033) 66266268 / 662662283 / 66266262 **BHUBANESHWAR** (0674) 2747868 **PATNA** (0612) 2500786 **RAIPUR** (077) 14033886 **WEST ZONE:** MUMBAI (022) 66656754/ 66656756 / 66656757 / 66656759 / 66656760 **NAGPUR** (0712) 6456894 **AHMEDABAD** (079) 66301102 / 6630 1107 **PUNE** (020) 66297446 **INDORE** (0731) 2498616 **SOUTH ZONE:** CHENNAI (044) 66762357 / 66760346 / 66760355 **BENGALURU** (080) 22535648 **HYDERABAD** (040) 66743007 **COCHIN** (0484) 6605527.