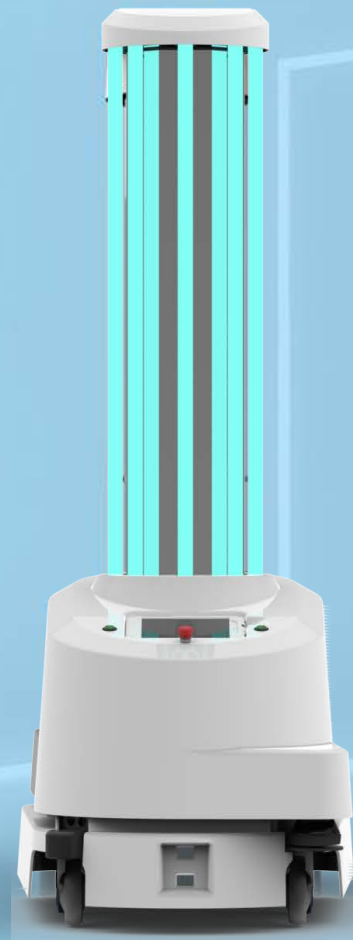


# ARG

Australasian Response Group

Infection  
is everyone's

# PREVENTION BUSINESS



[www.australasianresponsegroup.com.au](http://www.australasianresponsegroup.com.au)



## Introducing the fully autonomous UV-C disinfection solution to protect your staff from the invisible infection threat

The Mining industry in Australia, for the most part, has not been affected by the COVID-19 pandemic to date. Recent outbreaks, however, affecting large scale mining operations have brought into focus questions around the control of fly-in-fly-out (FIFO) workforces during such outbreaks.

The cost burden associated with outbreaks on remote sites are significant. The financial burden is not only present when a vast number of workers require isolation or sites themselves are sent into lock-down, but additionally from the costs of cleaning and maintaining the company's Infectious Disease Management Controls.

Introducing the UVD Robot, the global leader of autonomous UV-C disinfection. The UVD Robot ensures the elimination of unwanted contamination in the environment.

Mine sites have a diverse number of facilities and common rooms alongside critical areas that can significantly benefit from fully autonomous large scale decontamination in the event of outbreak or in prevention tactics.



**Australasian Response Group** have partnered with IC Disinfection to introduce the UVD autonomous disinfection robot to the mining industry.

## UVD on-site disinfection strategies:

### STRATEGY #1

#### Campaign disinfecting to support localised cleaning services

**Monthly:** 3-day disinfection campaign conducted by our UVD operators in common and high risk areas.

Monthly disinfecting routines focus on longer duration of light exposure to support ongoing physical cleaning and outbreak controls.

**Quarterly Disinfection:** 5-day deep disinfection campaign conducted by our UVD operators in common and high-risk areas with critical importance placed on mapping for maximum efficiency and longer light exposure times to high contact areas.

**Continuous Disinfection Strategy:** Hire to buy, long-term hire and maintenance agreements are required for the implementation of the UVD robot. Ongoing staff training and support programs are delivered by our team. This campaign considers nightly or weekly rotational strategies that are initiated by the embedded project catering/cleaning company. ARG risk assessments, audits and adherence to the projects Infections Disease Management Plan ensures ARG and the ICD teams continued support and continuity of the strategy.

Nightly cleaning routines of each area shall be planned, mapped, and automated minimising input from on-site personnel.

### STRATEGY #2

**Emergency Outbreak Response:** The outbreak response system is strictly reserved for those times of crisis following an outbreak on site. ARG will deploy a team of experts to support, disinfect and manage all common areas as a tactical response to the outbreak of COVID – 19 or other diseases identified by the site's infections disease management plan

The inclusion of other devices such as the healthy sole to ensure all disinfected areas remain sanitised during COVID testing campaigns and strategic outbreak response processes

#### High Risk Exposure sites for mining projects and remote sites

1. Medical centres and treatment rooms
2. Group office buildings
3. Dry messing facilities
4. Wet messing facilities
5. Gym



## THE UVD ROBOT®

### KEY BENEFITS

Autonomous mobile solution  
Fast and efficient disinfection  
Process without manual labour  
Easy to install and use

A fully autonomous system delivering fast, chemical free, hospital grade disinfection for offices, hotels, airports, cruise ships, shopping malls and private homes etc. without human interaction

Easily integrated into the cleaning routine.  
No previous infection control know how required

Highly effective against all bacteria and viruses especially SARS-CoV-2

A PR & Marketing asset to win employee and consumer confidence

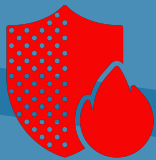
## UVD ROBOT MODEL B

## TECHNICAL SPECIFICATIONS



DIMENSIONS: L: 93 x W: 66 x h: 171 (cm)

- TOTAL WEIGHT.....140 kg
- OPERATING TIME..... 2-2.5 hours (disinfects up to 12,000 m<sup>2</sup>)
- BATTERY CHARGING TIME.....4 hours
- DISINFECTION COVERAGE.....360 degrees
- DISINFECTION TIME.....8 min - Hotel room, office, cabin (25 m<sup>2</sup>)  
30 min - Conference room, warehouse (500 m<sup>2</sup>)
- CONNECTIVITY..... Wireless (Wi-Fi based)
- MAX SPEED.....5.4 km/h
- UV-C WAVELENGTH..... 254 nm (Ozone free)
- UV-C LAMP LIFESPAN.....12,000 hrs of disinfection
- CHARGING REQUIREMENTS....220-240 VAC, 50 Hz, 6 Amps
- SAFETY..... Software & Sensors Based  
Emergency Stop Button



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Phone +61 405 218 177

Email: [masters@resqav.com.au](mailto:masters@resqav.com.au)

[www.australasianresponsegroup.com.au](http://www.australasianresponsegroup.com.au)



IERA AWARD



[www.icdisinfection.com.au](http://www.icdisinfection.com.au)  
[sales@icdisinfection.com.au](mailto:sales@icdisinfection.com.au)  
Office: (08) 6499 2677



Facebook: [icdisinfection](https://www.facebook.com/icdisinfection)  
LinkedIn: [icdisinfection](https://www.linkedin.com/company/icdisinfection)  
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UVD  
ROBOTS