

FAQ

CASPR 200E



Q1 How exactly does the CASPR unit work?

A1 CASPR's Natural Catalytic Converter (NCC) cell utilizes a multi-wavelength ultraviolet light to illuminate a patent pending mix metal alloy matrix. The honeycomb matrix treated with a proprietary coating. Together, the technology converts H₂O and O₂ in the air into safe but effective levels of Hydrogen Peroxide (H₂O₂) which are dispersed continuously throughout the elevator interior, filling the cab and coating all surfaces with highly effective oxidizing molecules that work to reduce the bioburdens of clinically relevant pathogens in the air and on surfaces. The CASPR technology produces no ozone.

Q2 Has the CASPR 200E been tested in elevators?

A2 Yes, we conducted before and after air and surface tests on 10 different elevators to determine efficacy. The testing showed similar reductions as the independent laboratory findings.

Q3 What size space is this unit rated for?

A3 This unit is effective in a space up to 200 sq ft.

Q4 Will there be any units in stock?

A4 Yes, both CASPR 200E and replacement bulbs are in stock and ready to ship.

Q5 Although this was not specifically developed for Covid-19, has there been evidence of it working against it?

A5 CASPR has performed testing with COVID-19 and approved surrogates for the virus. It was able to inactivate the viruses by up to 99.96%.

Q6 What is the baseline level of what they consider to be a safe air quality environment?

A6 There are currently no standard guidelines on the amount of these harmful pathogens allowed in the air. However, by reducing the number of pathogens in the air, it can help prevent the spread of diseases and infections.

Q7 Is there UV degradation over time from the UV Bulbs?

A7 The bulb has a 1 year warranty and an anticipated 2 year lifespan. Due to slight degradation of the UV in year 2 (25%), we recommend bulb replacement occur annually to maintain effectiveness.

Q8 How is this installed, is there special wiring?

A8 The CASPR 200E requires a 110V electrical outlet to plug into on the car top.

Q9 Can this be installed on any elevator?

A9 Yes, as long as it has a 110V and GFI outlet to power the device.

Q10 Can I install the CASPR 200E by myself?

A10 No, failure to utilize a licensed elevator mechanic for installation will void the one-year warranty.

Q11 How long does it take to install?

A11 Installation should take around two hours assuming you need to add an outlet to the car top. The device will come with installation instructions detailing the process for the licensed elevator mechanic.

Q12 Is this a substitute for alternative disinfection methods?

A12 No, CASPR 200E is ideal for enhancing the existing cleaning and disinfecting protocols in place at your facility.

Q13 What is the price of the CASPR 200E?

A13 Please contact us for pricing, we have tiered pricing for large volume orders over 100 units.

Q14 What do I do if I have a faulty unit/bulb?

A14 We offer replacement bulbs and a one (1) year warranty on all component parts.

Q15 What is the minimum/maximum temperature the CASPR 200E can operate at?

A15 The CASPR 200E can operate between 32°F/0°C and 150°F/30°C.

Q16 Does the CASPR 200E make noise?

A16 No, the CASPR 200E is silent.

Q17 Does the unit produce ozone?

A17 No, the unit does not produce ozone, which is a harmful compound that may lead to an allergic reaction. This unit does produce low levels of H₂O₂ but at a similar level you are exposed to in sunlight in the outside Environment. All H₂O₂ levels are below OSHA recommended guidelines.

Q18 Is there a smaller unit?

A18 No, the 200E is the smallest unit currently offered.

Q19 Does the unit require an ongoing maintenance?

A19 CASPR recommends replacing the bulb annually. The 200E has no moving parts so there is no maintenance other than bulb replacement.

Q20 Does the CASPR 200E mist the area with disinfectant?

A20 No, the CASPR 200E produces no mist. The oxidizing molecules produced by the unit are invisible as the change is at the cellular level.

Q21 Can the CASPR 200E operate with people in the cab?

A21 Yes, the CASPR 200E was designed for continuous use to help protect the people and pets inside the cab. The riders will not be directly exposed to the UV light. There are also mounting options that will hide the unit from view.

Q22 Does the CASPR 200E run constantly?

A22 Yes, as long as the unit is properly connected to a power source, it will continue to run.

Q23 What type of fan speed is needed for the unit to function efficiently.

A23 We recommend operating the elevator fan continuously while the device is running to ensure maximum air circulation throughout the cab.

Q24 What lab did you run the test on your elevators with? What are their accreditations?

A24 An independent 3rd party consultant utilized ResInnova Labs to perform before and after testing in elevators. ResInnova is an International Antimicrobial Council (IAC) certified lab which means that they follow certain certified procedures when collecting and analyzing samples. They also participate in semi-annual measurement reviews to maintain their IAC certification.

Q25 Is the CASPR 200E UL certified?

A25 Yes, the components of the CASPR 200E are UL certified.