

# WHAT IS CASPR?

**CASPR®** is an indoor air and surface disinfection technology designed to work with HVAC systems to continuously reduce pathogens—safely, quietly, and automatically.

**CASPR** is an advanced air and surface technology used in hospitals, schools, and any indoor environment to help reduce:

- Airborne viruses and bacteria
- Germs that settle on toys and all surfaces
- Odors and harmful organic compounds

All without harsh chemicals, sprays, or fragrances.

## A COMPREHENSIVE SANITATION SOLUTION FOR ANY SPACE

CASPR offers a versatile portfolio of products designed to provide continuous air and surface disinfection across a wide range of indoor spaces.

## CASPR PRODUCTS



CASPR Transit



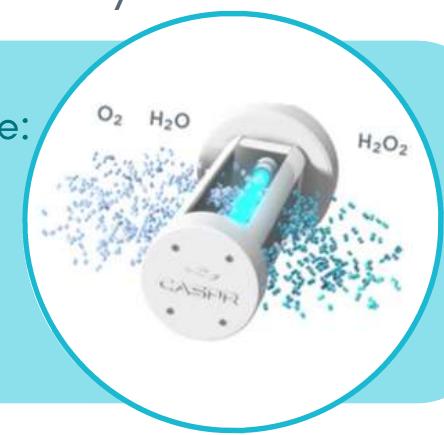
CASPR Compact



CASPR Medik



CASPR BLU Tile



## ABOUT CASPR?

CASPR is an air and surface disinfection technology designed for commercial environments, continuously reducing airborne and surface-level contaminants in occupied spaces. The technology works alongside existing HVAC and building systems to provide ongoing protection without disrupting operations or airflow.

Using a proprietary Natural Catalytic Converter (NC<sup>2</sup>I) process, CASPR safely converts oxygen and ambient humidity into ultra-low levels of hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>). These safe levels are dispersed through the HVAC system, continuously reducing pathogens, allergens, mold, and odors in the air and on all surfaces.

CASPR operates quietly, requires minimal maintenance, and is suitable for continuous use in any occupied facility. Unlike solutions that rely on periodic cleaning, increased ventilation, or monitoring, CASPR works continuously in the background to support lower-risk, higher-confidence IAQ decisions.

# TODAY'S IAQ CHALLENGES

- 1 **IAQ decisions must hold up beyond "this is what we've always used."** Familiar approaches don't always provide long-term defensibility.
- 2 **Confidence is needed across more operating conditions, not just ideal ones.** Variable occupancy, usage, and environments demand consistency.
- 3 **IAQ performance must be defensible with evidence, not assumptions.** Without validated testing, it's difficult to confidently demonstrate that an IAQ strategy is delivering real, repeatable results.
- 4 **Alignment with evolving guidance like ASHRAE 241 increasingly matters.** IAQ strategies must support modern expectations without constant redesign.
- 5 **Improving IAQ confidence without increasing ventilation demand is preferred.** More outside air isn't always practical, efficient, or necessary.

## DESIGNED FOR ENGINEERS

- Acts as an engineering control (NIOSH hierarchy)
- Provides equivalent clean air in occupied spaces
- Supports reduced OA through IAQP
- Lowers both operating and capital HVAC costs

### COMPLIANT WITH:



- ✓ 62.1-2016: IAQP
- ✓ 62.1-2019 & 2022: IAQP
- ✓ 241-2023: Control of Infectious Aerosols Safety and Efficacy

### CERTIFICATIONS:



EPA Est.  
88504 TN-1

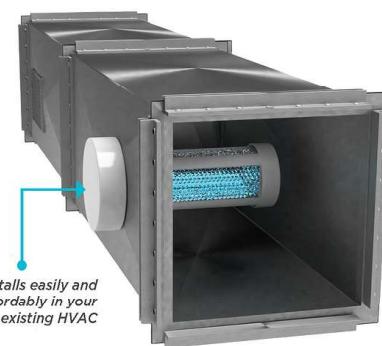


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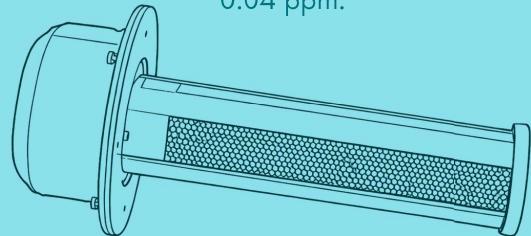
## INDUSTRIES/APPLICATIONS

- Medical/Dental
- K-12 Schools
- Higher Education
- Athletic Facilities
- Government
- Prisons
- Churches
- Restaurants
- Retail Businesses



## THE CASPR SOLUTION

Our Natural Catalytic Converter (NC<sup>2</sup>I) process uses your indoor air (H<sub>2</sub>O + O<sub>2</sub>) to create a safe level of hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>)—just 0.01–0.04 ppm.



Safe levels of H<sub>2</sub>O<sub>2</sub> are dispersed throughout your facility via your HVAC system, continuously reducing pathogens, allergens, mold, and odors on both surfaces and in the air.

**No harsh chemicals. No noise. No effort.**

## PROVEN AND TESTED

CASPR's lab testing simplifies IAQ validation by providing confidence backed by proven results.

SARS-CoV-2	99.99%
H1N1 influenza	99.93%
MRSA	99.96%
E. coli	99.67%
Listeria	99.99%
Pseudomonas aeruginosa	99.99%
Candida auris	99.99%
MS2 bacteriophage	99.93%
Clostridium difficile colitis	91.11%

## LET'S TALK ABOUT YOUR SPACE

Every indoor environment is different. CASPR solutions are designed to scale across a wide range of space types, layouts, and operational needs.

Scan the QR code to learn more about CASPR technology, explore product options, and see how continuous air and surface disinfection can be applied to your environment.

