

**80% of In-Flight
Disease Transmission is
Preventable—Here's How
AeroClenz Leads the Way.**

www.AeroClenz.com



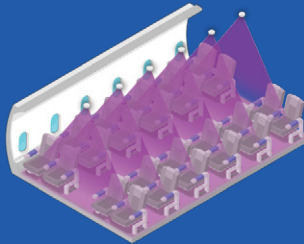
AEROCLENZ AVIVE™ SYSTEM: IN-FLIGHT CONTINUOUS UV-C DISINFECTION

Utilizing 265nm LEDs for optimal disinfection, the AVIVE system creates a combination of continuous & targeted pathogen disinfection.

CONTINUOUS-CLEAN ENGINE

CABIN

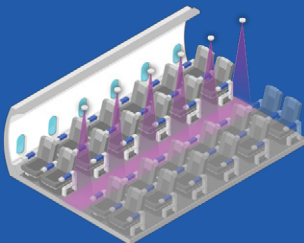
- Full-cabin illumination
- Cleans the air between passengers & crew
- Calculated emissions & advanced triple-tier sensors for continuous safe exposure



aisle-SCRUB ENGINE

CABIN

- Targeted narrow beam
- Equivalent to 30 - 120 air exchanges per hour
- 90% airborne pathogen inactivation in < 3 minutes
- Intelligent sensors detect occupancy and control UV-C emission



LAVATORY-SCRUB ENGINE

LAVATORY

- Full-lavatory coverage (air & surface)
- Equivalent to 600+ air exchanges per hour
- 90% inactivation: airborne pathogens in < 30 seconds, surface E. Coli in < 2 minutes
- Intelligent sensors detect occupancy & switch off when occupied



*Based on lab testing of actual airborne SARS-CoV-2, 90% of the virus is inactivated in less than 30 seconds.

*AeroClenz does not make any medical or health claims.

*Independent studies available upon request.

PROVEN TECHNOLOGY

AsMA Resolution

November 2023

The [Aerospace Medical Association \(AsMA\)](#) passed a resolution on the use of continuous inflight UV-C LEDs. The AsMA resolution specifically states: *"The continuous use of UV-C aboard aircraft, below exposure limits, and with appropriate engineering safeguards, can be an additional synergistic, safe, and effective risk-mitigation layer to reduce disease transmission and translocation."*

UV-C Aircraft Disinfection Risk vs. Benefit Analysis

- "The estimated annual economic burden due to transmission of SARS-CoV-2 and Influenza A aboard U.S. commercial aircraft was \$200 billion."
- "Up to 80% of the annual deaths and annual economic burden could be saved by supplementing U.S. commercial aircraft with UV-C air disinfection."
- "The one-time cost of implementing UV-C disinfection on all U.S. commercial aircraft amounts to approximately 10% of the ongoing annual economic burden, or an estimated 1000% return on investment every year after the one-time initial UV-C investment."

Boost Profits, Enhance Health!

Interested in UV-C Systems for Indoor Environments?

AeroClenz is proud to also offer the [AdaptUV System™](#), the robust UV-C disinfection tailored for diverse indoor environments such as medical facilities, airports, gyms, government buildings, offices, and more. Learn more at:

www.AeroClenz.com/Indoor-Solutions



REAL-TIME
DISINFECTION



LEADING
PERFORMANCE



CONTINUOUS
SAFETY

DISINFECTION THAT ADAPTS