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

www.AeroClenz.com

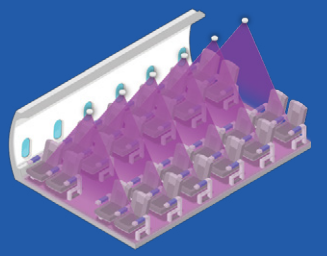
# AEROCLENZ AVIVE™ SYSTEM: IN-FLIGHT CONTINUOUS UV-C DISINFECTION

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

## CONTINUOUS-CLEAN ENGINE

*CABIN*

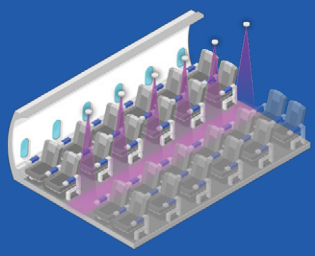
- Full-cabin illumination
- Cleans the air between passengers & crew
- Calculated emissions & advanced triple-tier sensors for continuous safe exposure



## 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

UV

CONTINUOUS SAFETY

DISINFECTION THAT **ADAPTS**