
COMPANY SUMMARY

Aerapy[®] is a U.S. manufacturer of UV-C germicidal (GUV/UVGI) air and surface disinfection systems for federal government and VA medical facilities. Our solutions support HVAC coil disinfection, biofilm control, energy efficiency, Legionella mitigation, and airborne infection risk reduction in occupied environments, delivering >99.99% pathogen inactivation in properly designed applications. By improving system performance and reducing maintenance requirements, Aerapy enhances long-term building reliability and operational efficiency. All systems are engineered for performance, aligned with ASHRAE 170, 62.1, and 90.1, GSA P100, and CDC/NIOSH guidance.

KEY DIFFERENTIATORS

- **Engineered Performance** – Designed for effective disinfection, not one-size-fits-all or factory-installed UV fixtures.
- **Proven Performance** – >99.99% pathogen inactivation in a single air pass, validated by independent third-party testing.
- **Peer-Reviewed Energy Savings** – Studies document 10–20% HVAC energy efficiency improvement from UV-C coil disinfection.
- **Patented Innovation** – Multiple patents in UVGI system design.
- **Federal Standards Alignment** – Supports VHA Directive 1061, GSA P100, ASHRAE 241, and CDC/NIOSH IAQ guidance.
- **VA Pathfinder Program** – Vetted emerging technology aligned with VA procurement pathways.
- **ASHRAE Leadership** – Active participation in TC 2.9, GPC 37, and SPC 185.5 supporting national UVGI standards and testing.
- **Advanced Sizing & Dosage Expertise** – Proprietary methodology supported by a continuously updated pathogen and UV dose database.
- **Flexible Implementation** – Supports turnkey installation or collaboration with existing facility and engineering teams.

PAST PERFORMANCE

Federal Experience –
U.S. Dept. of Veterans Affairs
U.S. Dept. of Justice

Commercial & Institutional –
Consolidated Edison
Heartland Alliance
University Health System
Gunnison Valley Hospital
Central New York Psychiatric Center
(infection control)

CERTIFICATIONS & COMPLIANCE

- **Made in USA Manufacturing** – BABA Compliant
- **ISO 9001:2015 Certified** – Quality Management System
- **ETL Listed (Intertek)** – Ozone-Free Certified; Tested Safe for Occupied Spaces
- **EPA Establishment Registered** – FIFRA-Compliant Device Manufacturer

CORE COMPETENCIES

- UV-C Air Handler Systems (Coil Disinfection & Airstream Treatment)
- Upper-Room UVGI Systems for Occupied Spaces
- HVAC Coil Disinfection & Biofilm Control
- Retrofit & New Construction Integration of UV-C Systems
- Legionella & Indoor Air Quality Risk Mitigation
- Energy Efficiency & HVAC Maintenance Reduction

SOCIO-ECONOMIC STATUS

- **SBA 8(a) Certified Small Business**
- SDB / EDWOSB / WOSB

CODES

NAICS: 333413 (Primary), 335139, 561720, 238220

PSC: 4460 – Air Purification Equipment

CONTACT

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