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## COMPANY SUMMARY

Aerapy<sup>®</sup> is a U.S. manufacturer of Germicidal Ultraviolet (GUV/UVGI) air and surface disinfection systems supporting Illinois state agencies, municipalities, public health institutions, and education facilities. Our systems deliver >99.99% pathogen inactivation while improving HVAC energy efficiency, reducing maintenance costs, and supporting long-term building performance. Deployed in government and institutional facilities since 2008. Aligned with ASHRAE GUV/UVGI standards, manufactured under ISO 9001 certified quality system standards, state energy efficiency mandates, and indoor air quality guidelines.

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## KEY DIFFERENTIATORS

- Proven Performance – >99.99% pathogen inactivation validated by independent third-party testing.
- Peer-Reviewed Energy Savings – Studies document 10-20% HVAC energy efficiency improvement from UV-C coil disinfection.
- Patented Technology – Multiple awarded patents in UVGI system design.
- Regulatory & Safety Compliance – ETL (UL) certified; EPA registered at state and federal levels.
- Illinois Energy & Policy Alignment – Supports state energy efficiency initiatives, CEJA goals, and indoor air quality improvements in public buildings and schools.
- ASHRAE Committee Leader – Actively shaping national UVGI standards: TC 2.9 (UV Air & Surface Treatment), GPC 37 (Upper-Air UVGI), SPC 185.5 (HVAC Device Testing).
- U.S. Manufacturing – Scalable production and rapid deployment capability from our Illinois-based facility.
- Optimized System Design – Proprietary pathogen database drives precise UVGI sizing, ensuring maximum efficacy for each facility type and application.

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## PAST PERFORMANCE

### State & Municipal –

State government facilities (air disinfection & HVAC integration)  
Central New York Psychiatric Center (infection control)  
University & educational facilities (IAQ & energy efficiency)

### Federal –

U.S. Dept. of Veterans Affairs  
U.S. Dept. of Justice

### Commercial & Institutional –

Consolidated Edison  
Heartland Alliance  
University Health System  
Gunnison Valley Hospital

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## CERTIFICATIONS

- BEP – Illinois Business Enterprise Program
- WBE – State of Illinois
- WBE / DBE – City of Chicago
- EDWOSB / WOSB / SDB – SAM.gov Verified
- [SBA 8\(a\) Certified Small Business](#)
- ETL Listed – Electrical Safety Certified; Ozone-Free and Tested Safe for Occupied Spaces

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## 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 UVGI Integration
- Legionella & Indoor Air Quality Risk Mitigation
- Energy Efficiency & HVAC Maintenance Reduction

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## AWARDS

- 2026 Illinois Manufacturers Association Makers Madness – Final Four
- 2021 HVAC Dealer Design Award – Indoor Air Quality
- Intergovernmental Risk Management Agency (IRMA)

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## CODES

**NAICS:** 333413, 335139, 561720, 238220

**PSC:** 4460 – Air Purification Equipment

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## CONTACT

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