



# UV ANGEL CLEAN AIR™



## Automated Continuous UV-C Air Treatment System

Our engineered air system uses patented UV-C light air purification technology to reduce levels of viruses, bacteria and fungi by automatically and continuously treating the air to create healthier environments.

**Simple** – UV Angel Clean Air operates without interruption 24/7/365 and does not interfere with current staff workflow

**Seamless** – Designed with today’s critical architectural and clinical considerations at the forefront, the system integrates a sealed UV-C air treatment chamber into existing or new construction in-ceiling lighting

**Effective** – Using the latest in advanced UV-C light purification technology, laboratory studies have shown effective removal of bacteria, fungus and viruses from the air

## How UV Angel Clean Air Works

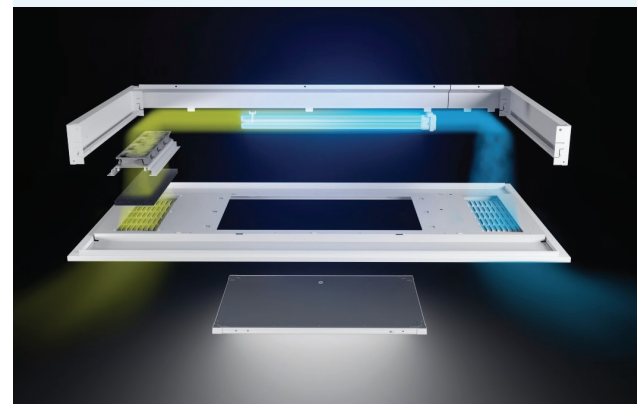
UV Angel uses years of advanced research and development in ultraviolet light and IOT enabled technologies to create a truly modern and effective air treatment system:

- Using patented UV-C treatment technology, air is quietly drawn into a sealed UV-C air chamber with a series of fans and filters
- Air is circulated through the UV-C air chamber where it is treated with an enclosed high intensity UV-C light to inactivate bacteria, fungus and viruses in the air
- Treated air is then returned to the room creating a healthier environment
- UV Angel Clean Air is unobtrusive, works continuously, and with the in-ceiling design, maintains the valuable floor space in patient and staff areas



Research has shown that reducing contamination in the air also **REDUCES BACTERIA AND FUNGUS ON SURFACES.**

Hospital air samples, on average, are **UP TO 8 TIMES MORE CONTAMINATED THAN SURFACES.<sup>1</sup>**



<sup>1</sup>Lee, Linda D, DrPH, MBA, LV-17-C042, Can using active air UV-C technology reduce the amount of bacteria and/or fungus in the air and improve indoor air quality? ASHRAE Conference (2017)

## Proven Effective

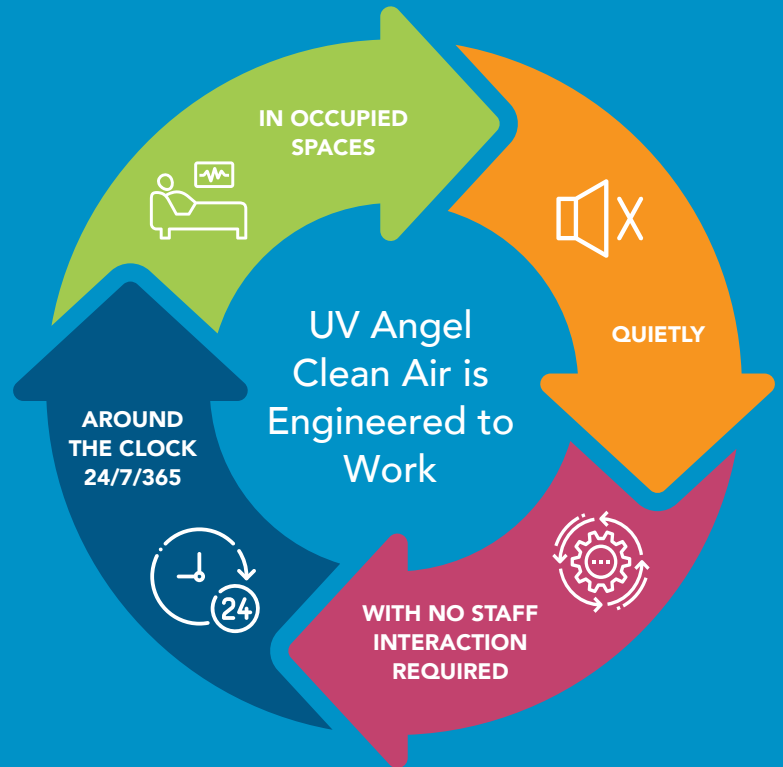
UV Angel has conducted two separate third party laboratory tests against surrogate pathogens including Escherichia coli (gram-negative), Staphylococcus aureus (gram positive), Cladosporium cladosporioides (fungus spore formed) and MS2 Bacteriophage (MS2) (virus surrogate).

These tests conclusively support UV Angel Clean Air claims to treat bacteria, fungus and viruses in the air. The studies have proven the product's effectiveness at treating:

- **Gram-negative pathogens** which can cause pneumonias, bloodstream infections, wound and surgical site infections
- **Gram-positive pathogens** such as staphylococcus, streptococcus, enterococci and listeria
- **Fungal pathogen surrogates**, which could include pathogens such as aspergillus, yeasts and histoplasmosis

The UV Angel Clean Air laboratory results showed elimination rates up to

**99.99%**



## Data-Driven Analytics

### Software Powered by UV Angel Analytics

UV Angel's technology is complemented by a proprietary data analytics platform that delivers critical insights and strategic advantages to organizations.

UV Angel Analytics puts powerful data into the hands of health care administrators and facility managers. The platform seamlessly communicates data to a cloud-powered web administration platform.

## Environmental Testing Services

Whether you need USP 797/800 testing and evaluation or other types of environmental testing, UV Angel offers a suite of services to our customers to aid in your environmental compliance needs.

- Air Quality Sampling
- Equipment Surface Culturing
- Results analysis and reporting
- USP 797/800 testing and evaluation

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## About UV Angel

UV Angel uses years of advanced research and development in ultraviolet light to make the environments around us measurably cleaner and safer by eliminating harmful pathogens. Fully automated, patented and proven safe, our UV-C technology monitors and cleans the surfaces we touch and the air we breathe. UV Angel's technology is complemented by a proprietary data analytics platform that delivers critical insights and strategic advantages to leaders in healthcare, food service, corporate, education and many more industries.

### Contact UV Angel to schedule:

- Air sampling analysis
- USP 797/800 testing & evaluation
- Product demonstration
- UV Angel Air pilot-program opportunity
- Research study collaboration & publication opportunity
- Site evaluation



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