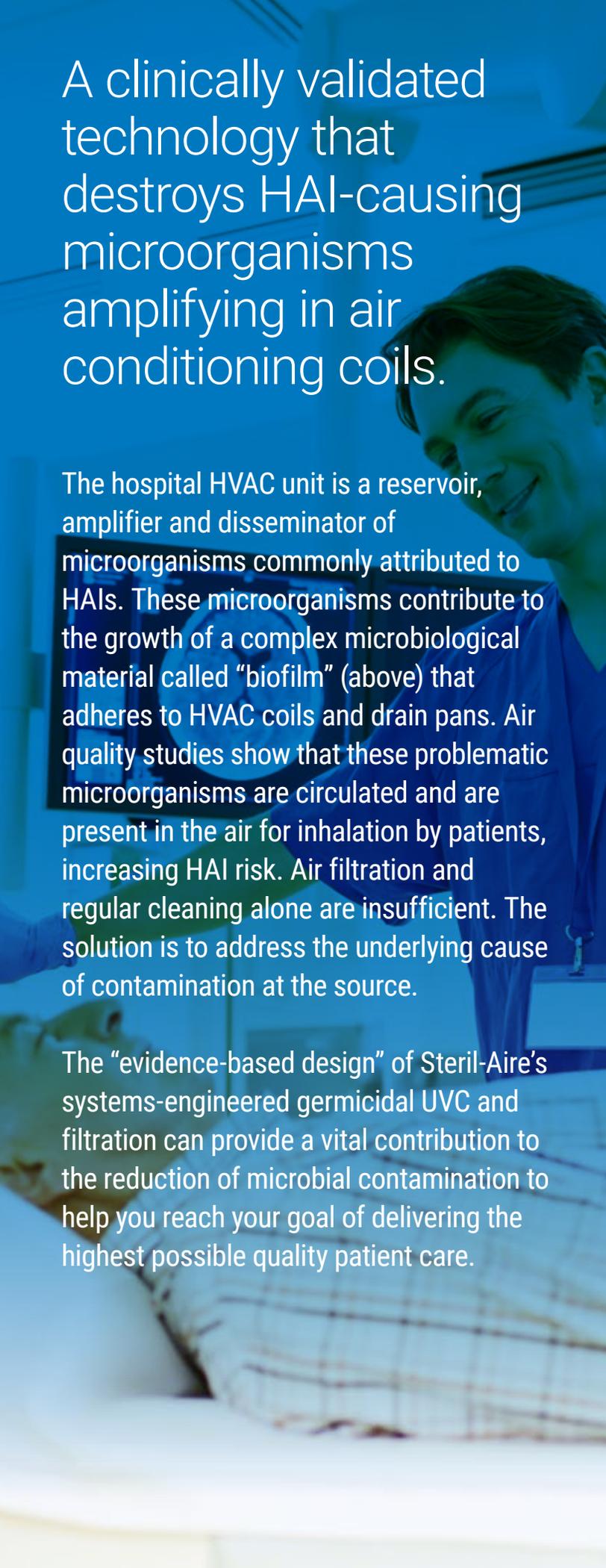




STERIL-AIRE[®]

UVC Solutions for Healthcare.

A clinically validated
technology that
allows you to deploy
Healthcare Safety
under a new light.



A clinically validated technology that destroys HAI-causing microorganisms amplifying in air conditioning coils.

The hospital HVAC unit is a reservoir, amplifier and disseminator of microorganisms commonly attributed to HAIs. These microorganisms contribute to the growth of a complex microbiological material called “biofilm” (above) that adheres to HVAC coils and drain pans. Air quality studies show that these problematic microorganisms are circulated and are present in the air for inhalation by patients, increasing HAI risk. Air filtration and regular cleaning alone are insufficient. The solution is to address the underlying cause of contamination at the source.

The “evidence-based design” of Steril-Aire’s systems-engineered germicidal UVC and filtration can provide a vital contribution to the reduction of microbial contamination to help you reach your goal of delivering the highest possible quality patient care.

Steril-Aire UVC solutions give hospitals three sustainable advantages

Destroy HAI-causing Microorganisms

25 plus years of data indicate that installations of Steril-Aire UVGI (Ultraviolet Germicidal Irradiation) systems produce sustainable and predictable outcomes. Deactivation of microorganisms by greater than 5 log can be achieved. Airborne microorganisms can be reduced up to 99%.

Energy Savings, Increased Capacity

In addition to harboring microorganisms, biofilm growth makes A/C units less efficient increasing energy use. Coils that are continuously cleaned with Steril-Aire UVC keep operating at optimum capacity for the life of the equipment. One facility saved \$500,000 on a \$25,000 investment.

Reduced Maintenance Cost

Manual cleaning of air conditioning coils and components is labor-intensive. As soon as it’s removed, sticky biofilm begins forming again at a rapid rate. Continuous cleaning by Steril-Aire UVC not only reduces maintenance costs but completely eliminates the need for chemical cleaning. Our UVC solutions are designed to irradiate the surfaces where biofilm and microorganisms grow.

4 reasons Steril-Aire is the best solution

- 1.** Higher output means sustained antimicrobial action. A minimum 99.9% inactivation of microorganisms requires a specific dose of UVC energy. Steril-Aire UVC Emitters are proven to sustain higher intensities over a longer period of time as compared to other’s products.
- 2.** Systems engineered to penetrate every recess. Steril-Aire solutions are engineered to penetrate every corner and recess where microorganisms breed. We optimize performance by providing an appropriate level of UVC energy to satisfy your required level of microbial deactivation.
- 3.** Independent testing proves performance superiority. Independent testing has proven that our emitters deliver up to 7 times more energy than competitor products and last 4 times longer in the cool and damp HVAC environment.
- 4.** Steril-Aire’s technology is often copied, never duplicated. Steril-Aire invented UVC for HVAC™ technology more than 25 years ago and has continued to upgrade it. Imitators have never been able to equal the original, which includes superior construction and engineering support.

Commercial Products

Enhanced Single Ended Series

Rapid Install Kit® (RIK)

- Factory pre-wired for ease of ordering and quick, easy installation
- Available for ESE Series UVC Emitters 12" to 61"

Enhanced Single Ended NEMA4 (ESEN)

- For exterior installed fan coils, heat pumps & unit ventilators, rooftop packaged AHU's, or any unit that is outdoors
- Available in 12, 16, 20, 24, 30, 36, 42, 50 & 61 inch Emitter lengths
- Universal power supply 220-277 V, 50/60 Hz
- NEMA4X

Enhanced Single Ended (ESE)

- For interior installed fan coils, heat pumps, unit ventilator, packaged AHU's, terminal units and ductwork
- Available in 12, 16, 20, 24, 30, 36, 42, 50 & 61 inch Emitter lengths
- Universal power supply 120-277 V, 50/60 Hz

Enhanced UVC Kit (EUVC)

- For indoor air handlers with coils up to 122 inches with dual access, fan coils, packaged systems, heat pumps and unit ventilator systems.
- Available in 12, 16, 20, 24, 30, 36, 42, 61 inch Emitter lengths
- Universal power supply 120-277 V, 50/60Hz



Specialty Products

Sleeved Emitters

- Shatter-resistant, plastic-sheathed Emitters
- Ideal for mold and microbial control in processing applications
- Encapsulates the tube to prevent glass contamination
- Industrial Grade



Steril-Wand

- For surface decontamination in commercial and residential applications
- Portable hand-held device
- Available in 24-inch Emitter length
- 120 V and 230 V, 50/60 Hz



DE422 Panel

- Provides rapid, effective on-site biological decontamination and sterilization for surgical suites and patient rooms
- Mounts flush with ceiling or into a wall
- Energy efficient – uses approx the same energy as a 200-watt light bulb



Remedial In-room Decontamination System (RIDS)

- Self-contained, mobile decontamination unit
- Decontaminate air and surfaces
- Mobile Room Santizer





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Steril-Aire has been awarded numerous patents and has earned a variety of awards for innovation and for its proven ability to improve HVAC system cleanliness and efficiency, building comfort and energy conservation, while solving a variety of operational problems. We invite you to learn how our broad range of products can help you. All Steril-Aire products are manufactured in an ISO 9001:2015 and ISO 14001:2015 facility in Burbank, CA, USA.



Registered to
ISO 9001:2015



Registered to
ISO 14001:2015



Complies with current
U.S. and Canadian
safety standards for
use in HVAC equipment