



MARKET FOCUS:

Healthcare

Today's healthcare market is facing ever-increasing scrutiny with respect to controlling the incidence of Healthcare Associated Infections (HAIs). Reducing HAIs has become of primary concern since the passage last year of the Patient Protection and Affordable Care Act of 2013 (now public law 111-148, signed by President Obama on March 23, 2013). Among other things, the law requires that hospitals address the spread of healthcare associated infections, and beginning in 2015, hospitals with the highest rates of HAIs will lose a percentage of their Medicare reimbursements. The US Department of Health and Human Services is also contemplating the regulation of home health agencies, ambulatory surgical centers and skilled nursing facilities.

It is becoming critical that healthcare facilities find immediate solutions to containing the spread of preventable healthcare associated infections. The standard of care can and must be raised using new and existing technologies to reduce the number of HAIs.

SecureAire is at the forefront of the effort to reduce HAIs in healthcare facilities. With particle control technologies developed originally for semi-conductor cleanrooms, SecureAire's technology is ideal for these new healthcare industry standards. Our healthcare-market focused products, the AQM-100 and the ACS System provide the technology hospitals need to both measure air quality and to eliminate airborne pathogens. The AQM-100 continuously monitors the amount of airborne contamination in a specific space, and the ACS System reduces contamination and has the ability to INACTIVATE™ or kill airborne pathogens.



SecureAire Features and Benefits to Healthcare

Particle Control Technology	Only SecureAire provides Particle Control Technology. The technology is non-selective in that it reduces or removes all airborne contamination sources by releasing small particles that are being held in the indoor space by electromagnetic fields.
Low Static Pressure = Fan Energy Savings	0.28" water gauge, initial clean differential pressure at 492 feet per minute of airflow.
INACTIVATE Technology	Up to 99% inactivation of all captured viable airborne pathogens as verified through third-party testing.
Small Footprint	11.5" of airway length.
Ability to Measure Performance	The AQM-100 has the ability to measure airborne particles instantly in any indoor space, providing you with the opportunity to continually measure and validate system performance.

Particle Control Technology: Only SecureAire has particle control technology that is non-selective and has been proven to treat all indoor and outside air contaminants. Third-party testing proves that, without needing additional equipment, SecureAire technology reduces viruses, bacteria, TVOCs, dissolved gasses, carbon monoxide, carbon dioxide, odors, smoke particles, diesel fumes, and jet fumes.

High-efficiency filtration and energy savings: SecureAire's ACS System has a MERV 15 efficiency rating with an extremely low static pressure drop as compared to standard mechanical filters with the same filtration rating. This decreases energy consumption by putting less stress on the fan. The ACS System provides initial pressure drops comparable to standard MERV 8 filters, creating a "no energy penalty" for this high of level of filtration. This reduces the kWh/square foot value for the facility.

INACTIVATE Technology: SecureAire's exclusive INACTIVATE Technology has the ability to eliminate airborne pathogens at rates of up to 99% effectiveness, according to the most recent study conducted by the University of Colorado College of Engineering and Applied Science.

Additionally, the ACS System's INACTIVATE Technology feature helps to destroy mold long before it can reach cooling coils. This reduces the frequency of cooling coil maintenance, lowering operational costs, downtime and the use of chemicals. Cleaner coils result in an even lower pressure drop, further reducing fan energy consumption.

Small Footprint: SecureAire's ACS System has an airway length of 11.5", providing space savings for new installations and easy retrofit as the system mounts into a standard 2" U-channel.

Ability to Measure: In order to be able to measure and validate the performance of filter technologies in today's market, SecureAire developed its own Air Quality Monitor, the AQM-100, which can instantaneously measure the quality of your indoor air regardless of the air purification technology platform being deployed.



SecureAire. Providing next-generation air purification for today's healthcare market!



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