

Healthcare Decontamination Solutions

Large-scale Room & Vehicle Sterilization

AeroClave is the world's foremost producer of large-scale decontamination equipment. Our primary mission is to combat the spread of infectious diseases.



The AeroClave Solution is a combination of energized Hydrogen Peroxide (eHP™) and Destroyer™ technologies that yield a full-spectrum 6-log sterilization in approximately one hour.

AeroClave has developed a family of comprehensive, cost-effective and environmentally safe solutions to sterilize assets of all sizes. All AeroClave solutions provide a full-spectrum kill that have been validated with the same FDA-approved process used to certify the cleanliness of pharmaceutical manufacturing facilities. The process has a low cost-per-cycle and is controlled through an easy-to-use computer interface. It is safe for all sensitive electronic equipment and can be used for the rapid and thorough decontamination of ambulances, police vehicles, buses, aircraft, hospitals, doctors' offices, nursing homes, schools, athletic training facilities and other buildings from a single room to the entire building. The operator training cycle is short and the equipment is easily serviced.

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Healthcare facilities are facing major financial challenges when it comes to the spread of infectious diseases. AeroClave's Healthcare Solutions provide infection prevention professionals with a comprehensive solution to combat the spread of diseases not only in their hospitals but also in patient transport vehicles.

Hospital Acquired Infections (HAI)

According to a recent report from the CDC "Healthcare Associated Infections (HAIs) are the most preventable cause of hospital morbidity and mortality, kill over 100,000 patients and cost the US healthcare system over \$45 billion each year"¹. This, coupled with decreasing reimbursements and new mandatory HAI reporting requirements, has put increased pressure on hospital administrators to look for cost-effective methods to control the HAI problem.

AeroClave's Room Decontamination System (RDS) and Portable Asset Decontamination System (PADS) are powerful weapons to combat the epidemic rise of HAIs. The RDS can quickly sterilize operating rooms, isolation rooms, and other patient care areas. The PADS unit provides total vehicle sterilization for ambulances and other patient transport vehicles. Both use an energized Hydrogen Peroxide (eHP™) process to quickly and cost-effectively provide full-spectrum 6-log sterilization. Low total cost of ownership and ease of operation make AeroClave equipment the most logical choice to combat HAIs at every level of the healthcare continuum.

Benefits of AeroClave Healthcare Solutions

- Full-spectrum 6-log sterilization in approximately one hour
- Increase cleaning effectiveness while lowering labor costs
- Decrease infection risk during transport of neonates, burn victims and immunocompromised patients
- Decrease liability with comprehensive reporting
- Each cycle validated using biologic indicators
- Decrease non-reimbursable expenses associated with HAIs
- Protect the health of patients, staff, and physicians

¹ The Direct Medical Costs of Healthcare-Associated Infections in U.S. Hospitals and the Benefits of Prevention". Douglas R. Scott II, Centers for Disease Control and Prevention, March 2009

 **Biodefense for the 21st century.**

