

Room Decontamination System (RDS)

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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Description

AeroClave's Room Decontamination System (RDS) is the latest in room sterilization technology. It utilizes a proprietary energized Hydrogen Peroxide (eHP™) process to sterilize rooms and its contents.

The RDS unit is currently available in two configurations, the RDS 4110 and RDS 6220. An optional feature allows for up to two additional remote eHP™ heads to be located in the treatment area or up to two AeroClave Portable Applicators (APA) to spot treat areas of concern.

The RDS unit is self-contained with a wireless computer for easy operation and mobility of the system.



Feature	RDS 4110	RDS 6220
Voltage	110 VAC	208/230 VAC
Number of static eHP™ heads	2	4
Number of smart ports*	2	2
Treatment area capacity (per RDS)	500-4,000 cubic feet	500-8,000 cubic feet
Sterilization technology	eHP™	eHP™
Destroyer™ technology	DT1	DT3
Cycle Time	1-2 hours	1-2 hours
Dimensions	68"L 28"W 60"H	68"L 28"W 66"H
Weight	500 lbs	750 lbs
Motorized cart	Yes	Yes
Wireless intuitive software platform	Yes	Yes
Management tracking software	Yes	Yes
Fully automated system operation	Yes	Yes
Web scheduler/validation tracking	Yes	Yes
Scalable technology (#RDS units/application)	Unlimited	Unlimited
Total spectrum kill	Yes	Yes
Safe for sensitive equipment	Yes	Yes
Warranty (parts & labor)	12 months	12 months

*Smart ports allow for either two remote eHP heads or two APA(s) to be plugged into RDS.

AeroClave Biodefense for the 21st century.

