

# Athletic Facility Decontamination Solutions

**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.

For additional information contact:  
**AeroClave LLC**  
650 South Capen Avenue  
Winter Park, FL 32789  
tel: 407.788.3300  
toll free: 800.788.9119  
www.aeroclave.com



The athletic industry is facing major financial challenges when it comes to the spread of infectious disease in their facilities. From amateur to professional, the risk of infection is increasingly prevalent. AeroClave's Athletic Facilities Solutions provide athletic trainers and sports medicine professionals with a comprehensive solution to combat the spread of disease.

## Athletic Facilities Related Infections (AFRI)

The National Athletic Training Association (NATA), an organization comprised of mostly high school and college athletic trainers across the US, conducts annual studies on athletic facility-related infections. In their 2009 study, they found nearly 76% of the 650 responding athletic programs had reported AFRI's. That number is up from 73% in 2008 and 67% in 2007. The same study found 49% of those cases were with contagious pathogens, such as methicillin-resistant staph aureus (MRSA)<sup>1</sup>. The common practice of post-infection treatment is no longer the safest solution. According to the American Academy of Biology "Antibiotic resistance is an international pandemic that compromises the treatment of all infectious diseases. At the current time the antibiotic resistance problem is uncontrollable." With this knowledge, it is clear that preventive methods are the most effective solution to lowering the risks associated with AFRI's.

AeroClave's Room Decontamination System (RDS) is a powerful weapon to combat the epidemic rise of AFRI's and mitigates the associated negative financial impact. The RDS uses a low concentration energized hydrogen peroxide (eHP™) process that rapidly and safely provides a full-spectrum, 6-log sterilization of athletic facilities and their contents. Low total cost of ownership and ease of operation make AeroClave equipment the most logical and cost-effective choice to combat AFRI's both proactively and reactively at every level of sports.



Using eHP™, the RDS can quickly, easily, and safely sterilize training rooms, locker rooms, weight rooms, and dorm rooms. In addition, sports equipment, such as helmets, pads, balls, and weights, can be sterilized in minutes with the AeroClave Portable Applicator (APA). The APA, a new feature added in 2010, is a hand-held device that allows the RDS to proactively sterilize areas of concern instantaneously.

## Solutions/Benefits

- Full-spectrum 6-log sterilization in approximately one hour
- Increase cleaning effectiveness while lowering labor costs
- Decrease the loss of time and expense associated with post-infection care and clean-up
- Decrease liability with comprehensive reporting
- Each cycle validated using biologic indicators
- Web-enabled monitoring software can be easily accessed by management
- The AeroClave Portable Applicator allows for easy and safe sterilization of sports equipment
- Protect the health of players and staff
- Environmentally-friendly process ensures a clean and safe environment

<sup>1</sup> Study by National Athletic Training Assoc. (NATA) June 2006-2009

**AeroClave** Biodefense for the 21st century.

