

FAAST Fire Protection

American Fire's FAAST system is helping save lives and the environment

A school is one of the most important resources a community has. A fire destroys not only costly bricks and mortars but also the heart of the community. That's why American Fire Equipment of Phoenix, AZ has partnered with The Green Schoolhouse Series to provide a long-lasting, state-of-the-art fire protection system that is not only life saving, but better for the environment as well.

American Fire Equipment Sales & Service Corporation is a full-service fire protection company specializing in sales, design, service and installation for all types of fire protection systems.

American Fire Equipment will provide a Fire Alarm Aspiration Sensing Technology (FAAST™) which delivers highly accurate, early-warning fire detection and extensive communication capabilities through FAAST aspirating smoke detectors. This technology is so advanced that it enables FAAST to accurately adjust to current environmental conditions and detect fire conditions as early as 60 minutes before combustion.

The FAAST system works together with an advanced chlorinated polyvinyl chloride (CPVC) pipe system which is a nontoxic thermoplastic pipe material used in fire sprinkler systems. CPVC piping materials have lower energy requirements and produce fewer greenhouse gas emissions than traditional metallic piping materials. At the same time, it has greater strength and flexibility while being resistant to corrosion and scale buildup, consequently providing a longer life than traditional polyvinyl chloride (PVC) piping.

The environmental benefits of the quick response system are that they work together restricting the spread of heat, smoke and poisonous gasses that escape into the environment. Water usage and runoff water contaminants are also reduced by lessening the amount of water used by firefighters to extinguish fires. Furthermore, they reduce the amount of unnecessary waste added to landfills.

The American Fire Equipment team has been providing the highest level of quality life and safety fire protection available and continues to be the single source of fire protection for many major corporations and industries since 1992. [EVO](#)

For more information about American Fire: 602.433.2484 or americanfire.com



CHALLENGE

Help Architekton design and build Grand Canyon University's Recreation Center in just 14 months. The budget is tight, delivery dates critical and the finished project must be spectacular.

SOLUTION

Metal Sales' own fleet provides on time delivery within restrictive receiving windows. The industry's largest portfolio of panel options makes design and creativity more affordable.

RESULT

"Metal Sales' panels added refinement to a pre-engineered building, and took the design to another level."

John Kane,
Design Principal,
Architekton, Tempe, AZ

ms metal sales
manufacturing corporation

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