



## High-Expansion Foam Systems

### Maximum protection for large hazards

- Fight various classes of fires
- Protect large areas
- Suppress three-dimensional fires
- Total flooding or local application
- Reliable, water-powered
- Save cost
- Reduce system footprint

Large spaces can mean large fires. Protecting these areas from fire demands superior fire suppression. JET-X High-Expansion Foam Generators quickly fill hazardous areas containing multiple obstacles with massive volumes of foam, overwhelming the fire and preventing large-scale damage.

### Overwhelm Fire While Reducing System Costs

High-expansion foam generators offer a fire suppression method that overwhelms fire with the sheer volume of foam. The foam completely fills the volume from floor to ceiling to suppress three-dimensional fires. Foam bubbles transport water to the fire, suffocate and cool the fire, suppress escaping vapors, and encapsulate toxic vapors and particulate.

JET-X High-Expansion Foam Generators deliver massive quantities of expanded foam by blowing air through a screen coated with a high-expansion foam solution. Because of the high-expansion ratio of the generator, little water is required to produce large quantities of foam. This dramatically cuts the cost and reduces the system footprint, while minimizing the potential for hazardous run-off.

### The “Flexible” Firefighting Agent

JET-X High-Expansion Foam Concentrates are flexible firefighting agents used in fighting Class A, Class B and LNG fires, both indoors and outdoors. Expansion ratios from 50:1 up to 1000:1 make them suitable for a variety of applications including aircraft hangars, flammable liquid storage areas and LNG facilities.

When used with high-expansion generators, JET-X High-Expansion Foam Concentrate can fill large areas and suppress horizontal and vertical (three-dimensional) fires. When used with medium-expansion foam equipment, the concentrate forms a foam blanket that helps prevent the release of fuel vapor, and also provides additional cooling because of the higher water content.

### Maximize Suppression, Minimize Water Damage

Depending on the type of hazard and its configuration, ANSUL® Portable High-Expansion Foam Generators are optimal for total flooding applications or discharge of foam into an enclosed space around the hazard, which minimizes water damage. These generators also may be used for local application with foam being discharged directly onto the fire or spill.





## APPLICATIONS FOR HIGH-EXPANSION FOAM SYSTEMS

Aircraft hangars  
Basements, cellars and  
enclosed spaces  
Cable tunnels  
Communications switching stations  
Electric cable ducting  
Engine test cells  
Flammable liquid storage  
Gas turbine generators  
LNG facilities  
Hazardous waste storage  
Machinery spaces  
Mining  
Paper product and tire warehouses  
Power stations  
Ship holds and engine rooms  
Transformer rooms

Additional applications for the portable generators include vapor suppression, LNG spill fires and smoke extraction when used with optional ducting.

### **The Ultimate Fire Suppression Solution**

No other fire suppression brand promises the full range of solutions or the quality of ANSUL — from automatic detection and suppression systems to a complete line of wheeled and portable extinguishers and more. ANSUL products are backed by a worldwide network of factory-trained distributors — the largest and best-qualified in the industry.

### **A Passion for Protection**

Dedicated customer support. Extensive product portfolio. Engineering excellence. Trusted, proven brands. Tyco Fire Protection Products offers all of these attributes, plus a passion for protection. It's what drives us to create solutions to help safeguard what matters most — your valued people, property and business.