



Fixed Foam Discharge Devices

Power to overwhelm fire

- Produce large quantities of expanded foam
- Direct flow at application point
- Wide range of application methods (gentle to long range)
- UL listed/FM approved models

Full range of discharge devices

- High-expansion generators
- Aspirating and non-aspirating sprinkler heads
- Automatic, manual, and remote-controlled monitors
- Foam chambers and foam makers

For the best of firefighting foam makers in the industry, select from ANSUL® foam discharge devices with multiple options to fit your application. Air-aspirating generators, monitors, and foam makers, mix air with the foam solution prior to discharge creating an expanded mass of bubbles. With non-aspirating nozzles and sprinkler heads, air expands the solution after exiting the device.

Foam Monitor Options Provide Control

Foam Monitors control the horizontal and vertical directions of large capacity discharge streams.

- Water-oscillating monitors automatically move side-to-side using water pressure as the energy source.
- Remote-controlled monitors include an electric joystick for operator control of horizontal, vertical and stream patterns.
- Manually-operated monitors have a built-in tiller bar or housewheel for hands-on operation.

Protect Flammable Liquid Storage Tanks and Surrounding Areas

Difficult to extinguish storage tank fires are more controllable with ANSUL special-design air-aspirating storage tank foam discharge units.

Foam Chambers generate and apply expanded foam down the inside wall of the tank in a manner that lessens submergence and agitation as the foam contacts the fuel surface. High Back-Pressure Foam Makers generate expanded foam for subsurface injection into cone-roof liquid hydrocarbon storage tanks.

For open-top construction storage tanks with double-deck or pontoon-type floating roofs, install Rim Seal Foam Pourers or Floating Roof Foam Makers (FLR). The FLRs also protect surrounding locations by dropping foam over dike walls or directing flow across potential spill areas.





APPLICATIONS FOR FOAM DISCHARGE DEVICES

Aircraft hangars
Basements, cellars and enclosed spaces
Cable tunnels
Chemical plants
Communications switching stations
Dike protection
Engine test cells
Flammable liquid storage
Gas turbine generators
Hazardous waste storage
LNG/LPG storage
Marine tankers/barges
Marine loading docks
Mining
Paper mills
Paper product and tire warehouses
Petrochemical storage
Power stations
Pump pit areas
Rail cars
Refineries
Ship holds and engine rooms
Transformer rooms
Truck loading racks

Overwhelm Fire While Reducing System Costs

High and medium-expansion foam generators offer a fire suppression method that overwhelms the fire with the sheer volume of foam. The foam 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 particulates.

JET-X High-Expansion Foam Generators deliver massive quantities of expanded foam by blowing air through a screen coated with 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.

Overhead Application

Sprinkler Heads are available in both aspirating and non-aspirating versions. Aspirated sprinkler heads are required for fluoroprotein foam in deluge systems. Non-aspirated heads with AFFF agents are more economical and can be used in either open deluge or closed-head sprinkler systems.

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 full range 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.