



Fixed System Discharge Devices

Tough protection for tough environments

- Direct foam onto flammable surfaces
- Suppress fires in high-risk areas
- Built to withstand harsh environments
- Wide range of applications

Rugged and functional, CHEMGUARD fixed-system discharge equipment reflects years of industry know-how, design expertise and precision manufacturing.

Deliver fire suppression directly to the surface

CHEMGUARD Foam Chambers are designed to deliver foam directly onto the surface of flammable or combustible liquid and lessen submergence of the foam. The units are installed on a flammable liquid storage tank just below the roof joint. Foam solution is piped to the chamber from outside the hazard area; inside the chamber, the foam expands and discharges against a deflector inside the tank. The deflector directs the foam against the inside wall of the storage tank which reduces the submergence of the foam and agitation of the fuel surface.

Foam chambers are ideal for use with hydrocarbons or polar solvent fuels, as well as with all low-expansion foam concentrates, proteins and synthetics.

Tough protection for tough environments

The CHEMGUARD Foam Maker is an air-aspirating discharge device used principally for the protection of floating roof storage tanks and dike protection systems. These devices are used in various types of proportioning systems such as bladder tanks, balanced pressure pump proportioning systems or line proportioners. CHEMGUARD foam makers are made for harsh and corrosive environments.

Fire protection in high-risk areas

The unique CHEMGUARD water-powered oscillating monitors provide rapid blanketing for combating fires in aircraft hangars, on helicopter decks, in tank farms and other high-risk areas. The activating force for oscillating monitors comes directly from the water inlet to a turbine waterwheel. Easy to set up and use, these low-maintenance monitors offer a range of flow rates and a preset spray arc at adjustable oscillation speeds.





APPLICATIONS FOR FIXED SYSTEM DISCHARGE DEVICES

Airports

Loading rack areas

Marine operations

Mines

Refineries

Storage facilities

Tank farms

Transportation facilities

Warehouses

Variety of monitors for a variety of applications

CHEMGUARD manual monitors feature rugged, corrosion-resistant construction, grease fittings and stainless-steel ball bearings. Suitable for water and all types of foam solutions, manual monitors have 3 inch or greater waterways and 2½ inch or greater outlets. The brass BRAHMA single-waterway monitor and the RATTLER handwheel monitor both offer 360-degree rotation in demanding industrial, marine and offshore applications.

The final authority in fire protection

A global leader in foam fire protection solutions, CHEMGUARD offers engineering and design expertise, quality manufacturing and unmatched customer support. CHEMGUARD foam agents and hardware can meet your fire suppression needs for a broad range of applications.

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.