

FLAMMEX



bladder tanks



FIRECHEM Bladder Tank when coupled with FIRECHEM Aqueous Film Forming Foam (AFFF) or Alcohol Type Concentrate (ATC), is a system specifically designed for the protection of flammable liquid hazards.

PRODUCT DESCRIPTION

Bladder Tanks are one component in a balanced pressure foam proportioning system. It requires no external power other than water pressure to ensure correct operation. Both vertical and horizontal bladder tanks are designed and constructed in accordance with the latest revision to ASME code. Proportioning is the introduction of foam concentrate into a flowing water stream to produce a foam solution. Vertical and horizontal bladder tank systems are available from 50 gallons to 3,500 gallons in the vertical and 100 gallons to 6,000 gallons in the horizontal style. These systems provide a dependable and cost-effective foam fire protection for a variety of flammable/combustible hazard areas and because water is the primary operating medium, they are easy to operate and maintain.

FEATURES

- The system operates without dependence on external pumping - only flowing water under pressure is required for delivery of foam solution.
- Extremely accurate concentrate proportioning (metering) is maintained over a wide range of water flow rates.
- The system exhibits a very low permanent pressure drop.
- Dependability is assured by the excellent storage capabilities of the FireChem CCS and the long shelf life of AFFF concentrates.
- The effectiveness of the FireChem Balanced Pressure Proportioning System and AFFF agents with non-air aspirating dispensing devices provides system design flexibility.
- Screened water inlet is standard

BENEFITS

- Low installation cost especially when compared to other balanced pressure proportioning methods require concentrate pumps.
- Easy retrofit of existing fire protection systems can reduce expensive redesign and refitting.
- Automatic or manual operation is available.
- The unit is adaptable to nearly all types of fixed fire protection systems.
- Design simplicity minimizes chance of system failure.
- Valves are quick opening.
- The construction of the FIRECHEM Balanced Pressure Proportioning System provides that there is no dilution of the concentrate that is not used after activation of the system.