



FOAM CHAMBER

TECHNICAL SPECIFICATIONS

Foam Chamber is used in one of the most common applications to protect vertical fixed roof (cone) liquid storage tanks, with or without internal floating roof with the low expansion foam system. The application of foam is on the basis that the risk comprises the total surface area of the fuel. The foam system design guidelines generally used are in accordance with NFPA-11 standard. Foam Chambers are defined by NFPA-11 as Type II discharge outlets for delivering foam to the surface of a flammable liquid. Foam Chambers are widely used with the Balance Pressure Foam Proportioning System, Bladder Tank Proportioner or Foam Tender.



TECHNICAL FEATURES

- **Application:** Protection of vertical fixed roof (cone roof) liquid storage tanks
- **Tank Type Compatibility:**
 1. Fixed roof tanks
 2. Fixed roof tanks with internal floating roof
- **Foam Type:** Low expansion foam
- **Protection Basis:** Total surface area of the flammable liquid
- Design Standard: NFPA-11
- **NFPA Classification:** Type II foam discharge outlet
- Function: Delivers foam directly onto the surface of flammable liquids
- System Compatibility:
 - Balance Pressure Foam Proportioning System
 - Bladder Tank Proportioner
 - Foam Tender

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