



FOAM CHAMBER

- ◆ Suitable for use in extreme environments
- ◆ Choice of models
- ◆ Manufactured from high grade Materials
- ◆ Low maintenance

USAFA Foam Chambers are air aspirating devices used for the protection of fixed roof flammable liquid storage tanks. Foam chambers are widely used in low expansion foam system defined by NFPA 11.

They provide the means to aerate the foam solution and allow foam to gently fall onto the liquid surface in the tank. At the same time, they incorporate arrangement to prevent the product vapours inside the tank from leaking out into the atmosphere.



Size / Model	FC50/ FC65/ FC80/ FC100/ FC200
Inlet/ Outlet (flanged)	50-80, 65-100, 80-150, 100-200, 150-250 NB (ANSI B 16.5 150 #)
Body	M.S. ERW Pipe IS:1239 Hot Dip Galvanized
Inlet/ Outlet Flanges	M.S. ANSI 16.5 150lbs RF/ FF
Vapor seal	Glass
Air Strainer mesh	SS 304
Air Strainer Cap	Aluminium alloy
Operational test	Vapor seal rupture between 1 to 1.5 kg/cm ² inlet pressure
Working pressure range	3.5 to 14 kg/cm ²
Vapour Seal Rapture at	1 to 1.5 kg/cm ²
Strainer	Natural
FINISH	Painted Red colour (M.S.)/ Polished (SS 304)

Manufactured by

UNITED FIRE & SAFETY SERVICES

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