
ALERTA®
FIRE FIGHTING EQUIPMENT
PASSION TO PROTECT

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Foam Chamber

ALERTA® Foam Chamber is designed to introduce expanded foam directly onto the surface of a flammable or combustible liquid for **fire extinguishment and/or vapor suppression**. Foam chambers deliver low expansion foam directly onto the fuel surface with a minimum of foam submergence and fuel agitation.

Minimizing submergence and agitation, increases the effectiveness of the foam blanket, resulting in more efficient operation, and superior extinguishing capabilities. Foam chambers have the added advantage of directing all their flow directly onto the product surface regardless of weather conditions, for the most effective utilization of foam resources. Foam chambers have a long history of timely and safe control of numerous incidents.

Foam chambers are compatible with all types of foam concentrate; protein, fluoro-protein, AFFF, and AR-AFFF.

They are generally installed on the side wall of vertical storage tanks above the maximum product level. Piping coupled to the unit can be linked to a fixed foam proportioning system, or terminated a safe distance from the tank, where foam solution can be delivered via mobile fire apparatus or portable foam proportioning equipment.

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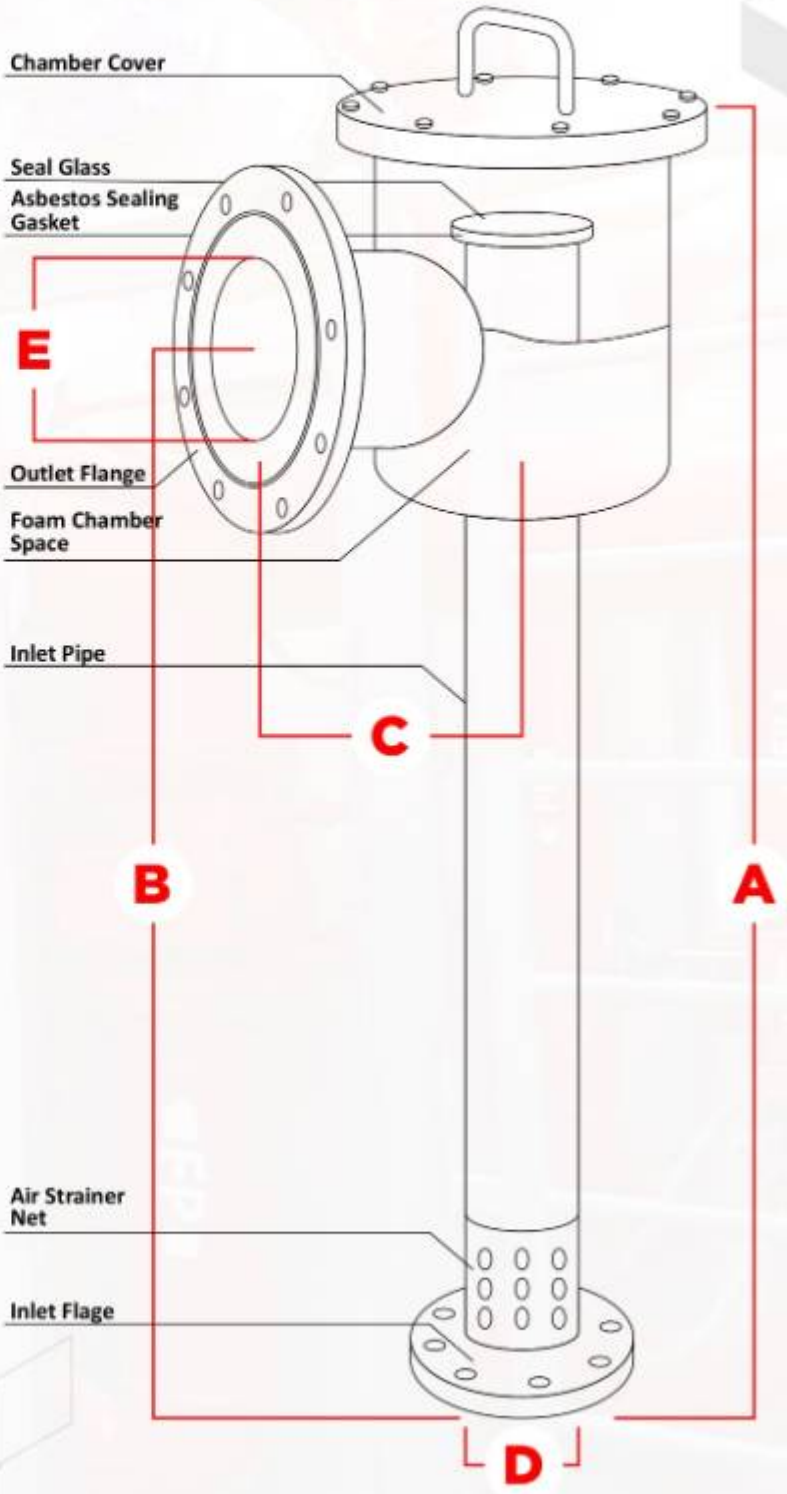
ALERTA® Foam Chamber is used in one of the most common application to protect vertical fixed roof (cone) liquid storage tanks, with or without internal floating roof with the low expansion foam system. The application of foam is on the basis that the risk comprises the total surface area of the fuel

FEATURES

- **Carbon steel** construction.
- Suitable for use with **all available foam concentrate**.
- **Operates at 40~90 PSI** minimum.



SPECIFICATION

Material	Body Deflector Screws	Carbon Steel Carbon Steel 304 Stainless Steel		
Flow Rate	4 LPS	8 LPS	16 LPS	24 LPS
Working Pressure	0,3 - 0,6 Mpa			
Foam Expansion	>6 Times			

DIMENSION (in mm)

A	650	750	1050	1200
B	500	600	900	1000
C	150	175	225	275
D	DN50	DN65	DN80	DN100
E	DN80	DN100	DN150	DN200

Other Size can Customized

TYPE

Model	Inlet (inch)	Outlet (inch)	Flow (LPM)
Al - FC 2030	2"	3"	80 - 225
Al - FC 2540	2,5"	4"	210 - 475
Al - FC 3060	3"	6"	425 - 940
Al - FC 4080	4"	8"	850 - 1850
Al - FC 60100	6"	10"	1725 - 2800

Working Pressure Range (Bar) : 3~6
Expansion Ratio : ≥6