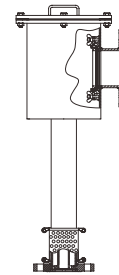


Low expansion foam chamber

Low expansion foam chamber fitted with integral foam maker is intended for fixed installation on outdoor storage tank. It introduces air into the foam solution stream to produce foam and deliver it gently onto liquid fire surface.



- Certificate: UL Listed / FM Approved
- Standard: NFPA 11, UL 162, GB 50151
- Connection: Flanged as ANSI Class 150, EN 1092 PN16, etc.
- Feature: Air-aspirating device
- W. pressure: 200 psi
- Surface: Red RAL 3000 FBE coating, galvanized, etc.



Main parts and material

Body and cover	Carbon steel, or SS	Strainer assembly	SS perforated sheet, SS holder and galvanized CS bolting
Deflector	Carbon steel, or SS; solid or split deflector	Vapor seal	Aluminum / glass / graphite

Available size (Source 1 with UL)

Inlet size	Outlet size	Material	Deflector type	Flow (gpm)	Inlet pressure (psi)	Ref. No.
2-1/2" FLG	4" FLG	CS / SS	Solid / split	36 ~ 226	30 ~ 125	B1101 (UL)
3" FLG	6" FLG	CS / SS	Solid / split	82 ~ 480	30 ~ 125	B1102 (UL)
4" FLG	8" FLG	CS / SS	Solid / split	131 ~ 740	30 ~ 125	B1103 (UL)
6" FLG	10" FLG	CS / SS	Solid / split	362 ~ 1261	30 ~ 125	B1104 (UL)

Low expansion foam chamber

Available size (Source 2 with UL/FM)

Inlet size	Outlet size	Material	Deflector type	Flow (gpm)	Inlet pressure (psi)	Ref. No.
2" FLG	3" FLG	CS / SS	Solid / split	20 ~ 89	40 ~ 100	B1121 (UL)
2-1/2" FLG	4" FLG	CS / SS	Solid / split	40 ~ 145	40 ~ 100	B1122 (UL/FM)
3" FLG	6" FLG	CS / SS	Solid / split	79 ~ 270	40 ~ 100	B1123 (UL/FM)
4" FLG	8" FLG	CS / SS	Solid / split	159 ~ 634	40 ~ 100	B1124 (UL/FM)
6" FLG	10" FLG	CS / SS	Solid / split	391 ~ 872	40 ~ 100	B1125 (FM)

Note: The flow and inlet pressure are different as UL and FM certificate. Above data refers to UL certificate, except Ref No. B1125 which follows FM at AFFF 3% foam concentrate.

Available size (Source 3 with ISO)

Inlet size	Outlet size	Material	Deflector type	Flow (gpm)	Inlet pressure (psi)	Ref. No.
2" FLG	3" FLG	CS	Solid / split	60	44 ~ 102	B1131 (ISO)
2-1/2" FLG	4" FLG	CS	Solid / split	125	44 ~ 102	B1132 (ISO)
3" FLG	6" FLG	CS	Solid / split	250	44 ~ 102	B1133 (ISO)
4" FLG	8" FLG	CS	Solid / split	380	44 ~ 102	B1134 (ISO)