FOAM CHAMBER

CARBON STEEL, TYPE B, 425-940 LPM

Foam Chambers are used in fixed foam systems for protection of Fixed Roof Storage Tanks. 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.

Brief Description : AAAG Foam Chamber, Type B design, made of Carbon Steel, Inlet size 80 NB, Outlet size 150 NB, Inlet/ Outlet flanges as per ANSI 16.5 150#, with in-built vapour seal arrangement and foam improver mesh. Flow range shall be 425 to 940 lpm (@ approx. 3.5 kg/cm2), and chamber shall be supplied with suitable orifice plate (as per flow requirement).

1.0	**GENERAL DATA**	
1.1	Make	AAAG
1.2	Model	FCB80
1.3	Inlet	80 NB Flange (ANSI 16.5 150#)
1.4	Outlet	150 NB Flange (ANSI 16.5 150#)
1.5	Material of Construction	Carbon Steel
1.6	Reference	--
2.0	**MATERIAL OF CONSTRUCTION**	
2.1	Body/Pipe	M.S. ERW Pipe IS:1239 Hot Dip Galvanised
2.2	Inlet/ Outlet Flanges	Carbon Steel ANSI 16.5 150lbs RF/ FF
2.3	Air Strainer mesh	Brass/ SS 304
2.4	Foam Improver Mesh	SS 304
2.5	Vapour seal	Glass
3.0	**TESTING AND QUALITY CONTROL**	
3.1	Dimensional check	See Drawing below
3.2	Operational test	Flow as per specification. Vapour seal rupture between 1 to 1.5 kg/cm2 inlet pressure
3.3	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates
4.0	**OPERATIONAL/ TECHNICAL DATA**	
4.1	Working pressure	3.5 to 14 Kgf/cm2
4.2	Height (Approx.)	1050 mm
4.3	Weight (Approx.)	39 Kgs.
5.0	**FINISH**	
5.1	Foam Chamber	Hot dip galvanized and Painted (Red/ Yellow colour)
5.2	Strainer	Natural finish
6.0	**APPROVALS & MARKING**	
6.1	Approvals	--
6.2	Marking	AAAG/ Year of Mfg./ Capacity/ Sl. No
7.0	**WARRANTY**	
7.1	Warranty & Guarantee	12 Months from the date of supply

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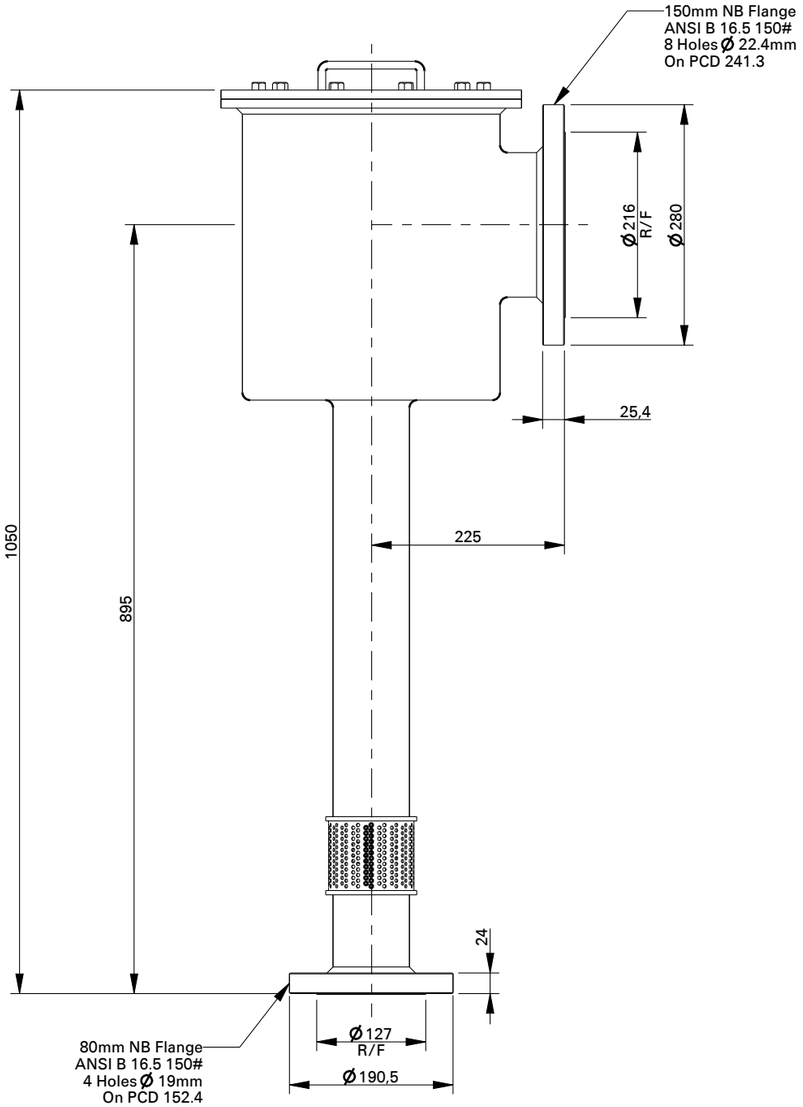

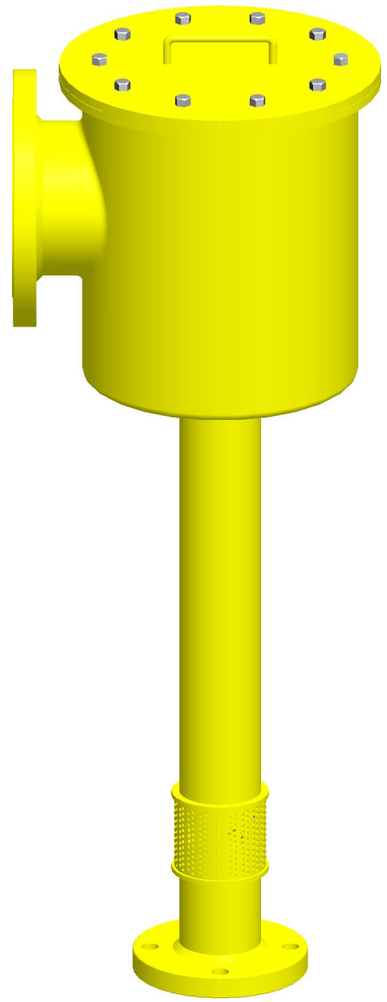

NOTES :

CAPACITY : 450 LPM TO 900 LPM @ 3.5 KGF/CM2

AAAG SINCE 1933

Shah Bhogilal Jethalal & Bros.

AHMEDABAD

TITLE :

Foam Chamber, Type B, 450 To 900 Lpm Capacity, Carbon Steel, Conventional Design

SCALE	DRAWING NO:	SHEET	REV.
N.T.S	M283-80BJ	1 OF 1	0