

HIGH EXPANSION FOAM GENERATOR

225 LPM, SS304, PORTABLE



Portable High expansion (HX) Foam Generator are first aid, portable foam generator which can be deployed for high expansion foam application till other arrangements can be made. It is useful for many class A flooding applications like cellars, basements, cargo holds, coal cellars, etc.

Brief Description : AAAG High expansion Portable Foam Generator (Mini), constructed of SS 304 material, having 63 mm size male instantaneous Inlet, complete with matching Inline Inductor and flexible foam net. Generator shall generate good quality high expansion foam, typical expansion range 1: 200 to 350, and weight shall be approx. 18 kgs

1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Model	HX Mini
1.3	Inlet	63 mm Instantaneous Male Inlet
1.4	Outlet	Foam Discharge Net (flexible)
1.5	Material of Construction	SS304
1.6	Reference	--

2.0 MATERIAL OF CONSTRUCTION

2.1	Sheetwork/Pipework	SS304
2.2	Pelton wheel	SS304, IS:3444 Grade I
2.3	Foam Mesh	Flexible Nylon net
2.4	Nozzles	Bronze, IS: 318 LTB-2
2.5	Inlet Male Instantaneous	SS304, IS:3444 Grade I
2.6	Fan Blades	Aluminium
2.7	Inline Inductor	SS304, IS:3444 Grade I

3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	See Drawing Below
3.2	Performance Requirements	Flow: 225 to 250 lpm (min) at 3.5 kgf/cm ² at Generator Inlet, Foam expansion (approx): At 3.5 kg/cm ² - 1:270, at 5.5 kg/cm ² - 1:310
3.3	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates

4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	2.5 to 7 Kgf/cm ²
4.2	Height (Approx)	630 mm
4.3	Weight (Approx.)	18.0 Kgs.

5.0 FINISH

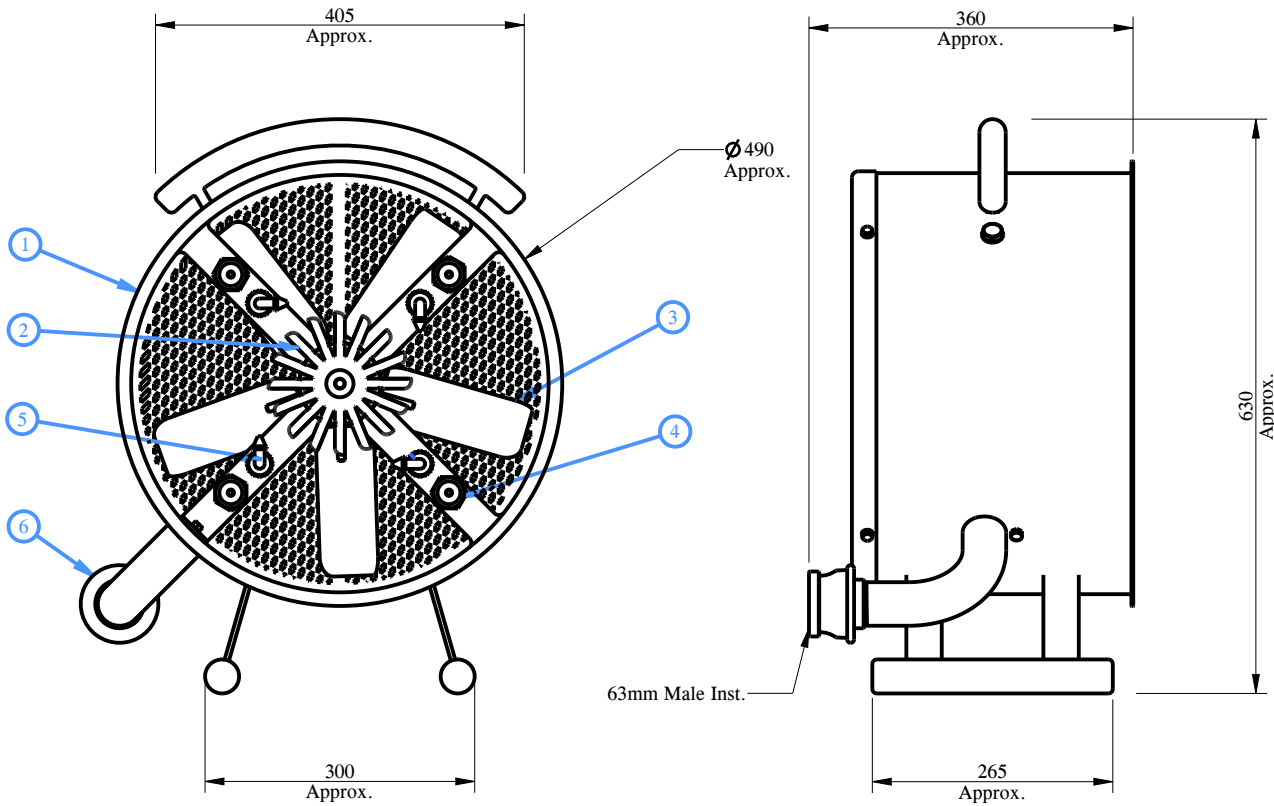
5.1	Pourer	Natural Finish
-----	--------	----------------

6.0 APPROVALS & MARKING

6.1	Approvals	--
6.2	Marking on Nozzle	AAAG/ Year of Mfg./ Capacity/ Sl. No

7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
-----	----------------------	-----------------------------------



Notes :

- 01. Output (M3/Min) - At 3.5 - 48
Expansion bars* 1:270
- 02. Output (M3/Min) - At 5.5 - 68
Expansion bars* 1:310
- 03. Height (mm) - 610

1	Shell	SS 304
2	Pelton Wheel	SS 304 IS: 3444 Gr-1
3	Fan	Aluminium
4	Spray Nozzle	G.M./ Brass
5	P. Wheel Nozzle	G.M./ Brass
6	Male Inst.	SS 304 IS: 3444 Gr-1
NO.	DESCRIPTION	MATERIAL
PART LIST		



Shah Bhogilal Jethalal & Bros.

AHMEDABAD

TITLE :

High Expansion Foam Generator, Mini,
SS 304, Conventional Design

SCALE	DRAWING NO:	SHEET	REV.
N. T. S	S268-225BJ	1 OF 1	0