

# LOW EXPANSION FOAM BRANCH

450 LPM, SS316, UL LISTED



LX (Low Expansion) Foam Branches are handheld equipment, used to project mechanical foam from a distance onto fires which involve flammable liquids. Self-Inducting Foam branches are provided with pick-up tubes to allow induction of foam concentrate into the branch and mixing with the water stream.

**Brief Description :** AAAG LX (Low Expansion) Foam Branch, UL Listed, of nominal foam solution capacity 450 lpm (FB 10X) at 65 psi (4.57 Kg/cm<sup>2</sup>), constructed of Stainless Steel (SS316). Branch shall be matched to matching UL Listed Inline Inductor of 450 lpm capacity, shall produce good quality low expansion foam (min. 8 times expansion) and have effective throw.

## 1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Model	Foam Making Branch Pipe FB 10X (450 lpm)
1.3	Inlet	63mm Instantaneous Male Inlet
1.4	Outlet	Foam Discharge Pipe
1.5	Material of Construction	Stainless Steel SS316
1.6	Reference	UL 162

## 2.0 MATERIAL OF CONSTRUCTION

2.1	Pipe	SS316
2.2	Inlet body	SS316, SAE Std No. 316
2.3	Holding Ring/Handle	SS316
2.4	Inlet Male Instantaneous	SS316, SAE Std No. 316

## 3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	See Drawing Below
3.2	Performance Requirements	Flow: 450 at 4.57 kgf/cm <sup>2</sup> , Range 18 Mtrs (min), Foam expansion 1:8 (min).
3.3	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates

## 4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	4.5 to 10 Kgf/cm <sup>2</sup>
4.2	Length (Approx)	930mm
4.3	Weight (Approx.)	4.0 Kgs.

## 5.0 FINISH

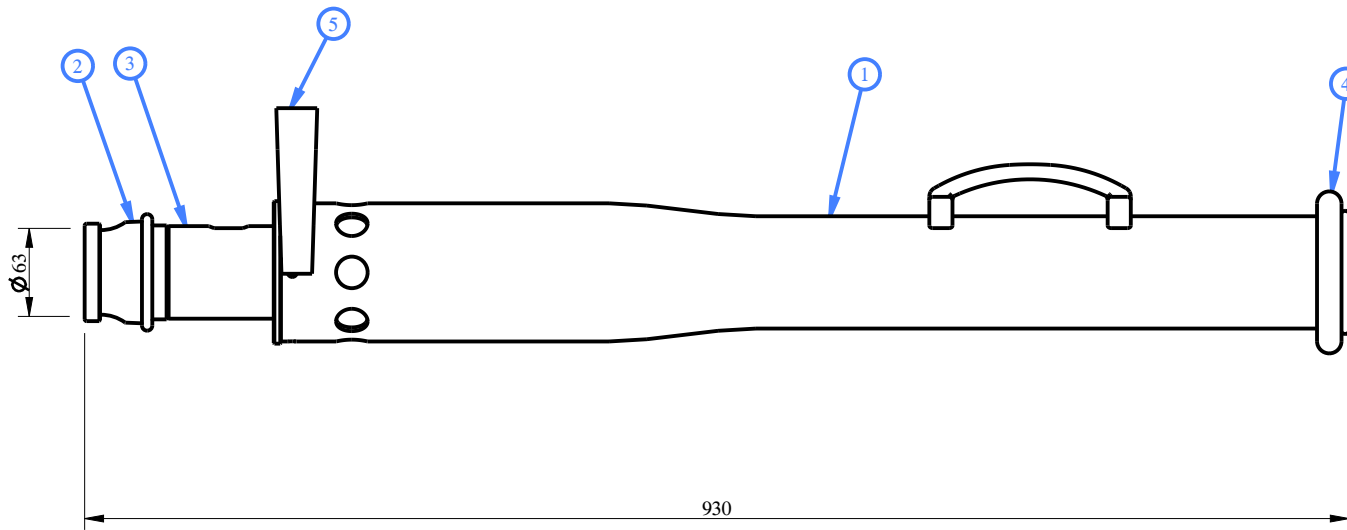
5.1	Branch	Painted (Fire Red/Yellow Color)
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## 6.0 APPROVALS & MARKING

6.1	Approvals	UL Listed
6.2	Marking on Nozzle	AAAG/ Year of Mfg./ Capacity/ SL. No/UL Mark

## 7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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1	Pipe	S.S 316
2	Male Inst.	S.S 316
3	Body	S.S 316
4	Oring	Rubber IS: 937
5	Handle/Grip	S.S 316
NO.	DESCRIPTION	MATERIAL
PART LIST		



**Shah Bhogilal Jethalal & Bros.**

AHMEDABAD

**TITLE :** Low Expansion Foam Branch, 450 Lpm Capacity, SS 316, UL Listed

SCALE	DRAWING NO:	SHEET	REV.
N.T.S	SM262-450UL	1 OF 1	0