

**‘UNILITE’ CONSTANT FLOW NOZZLE****ALUMINIUM, MALE INSTANTENOUS INLET**

Constant Flow nozzles give constant flow over all discharge patterns, and are lightweight, versatile nozzles, meant to give the operator good control over the discharge. The nozzle gives good range in jet pattern, and a dense fog (due to spinning teeth provided) for radiant heat protection. Can be used for water or foam operation

**Brief Description:** AAAG ‘Unilite’ constant flow nozzles, made of Aluminium alloy (anodized), having rubber moulded pistol grip handle, and ball valve with shut off handle. Nozzle shall have flow of 150 - 600 lpm at 7 kg/cm<sup>2</sup>, with good range hollow jet (30 mtrs), and outlet shall have spinning teeth for dense fog in spray position.

**1.0 GENERAL DATA**

1.1	Make	AAAG
1.2	Model	Unilite
1.3	Inlet	63mm Instantaneous Male Inlet
1.4	Outlet	Adjustable from hollow Jet to wide spray (spinning teeth)
1.5	Material of Construction	Aluminium alloy
1.6	Reference	SBJ Drawing (See below)

**2.0 MATERIAL OF CONSTRUCTION**

2.1	Nozzle body & parts	Aluminium alloy (Anodized)
2.2	Deflector	GM - IS: 318 LTB-2 (chromium plated )
2.3	Pistol Grip	Rubber moulded
2.4	Bumper	Rubber

**3.0 TESTING AND QUALITY CONTROL**

3.1	Dimensional check	As per Drawing (See below)
3.2	Performance Requirements	Flow test : nozzle at 25° elevation, in still wind conditions Flow set between 150 – 600 lpm at 7 kg/cm <sup>2</sup> (standard flow – 400 to 500 lpm), to give good range hollow jet approx. 30 mtrs at 400 lpm flow, and dense fog in the wide spray position. Complete shut off using On-Off handle.
3.3	Documentation	Internal inspection report, supplier’s certificates, approved laboratory test certificates

**4.0 OPERATIONAL/ TECHNICAL DATA**

4.1	Working pressure	5 to 12 Kg/cm <sup>2</sup>
4.2	Discharge Pattern	Adjustable from full fog to straight stream (in clockwise direction)
4.3	Weight (approx.)	2.8 Kgs. (approx)

**5.0 FINISH**

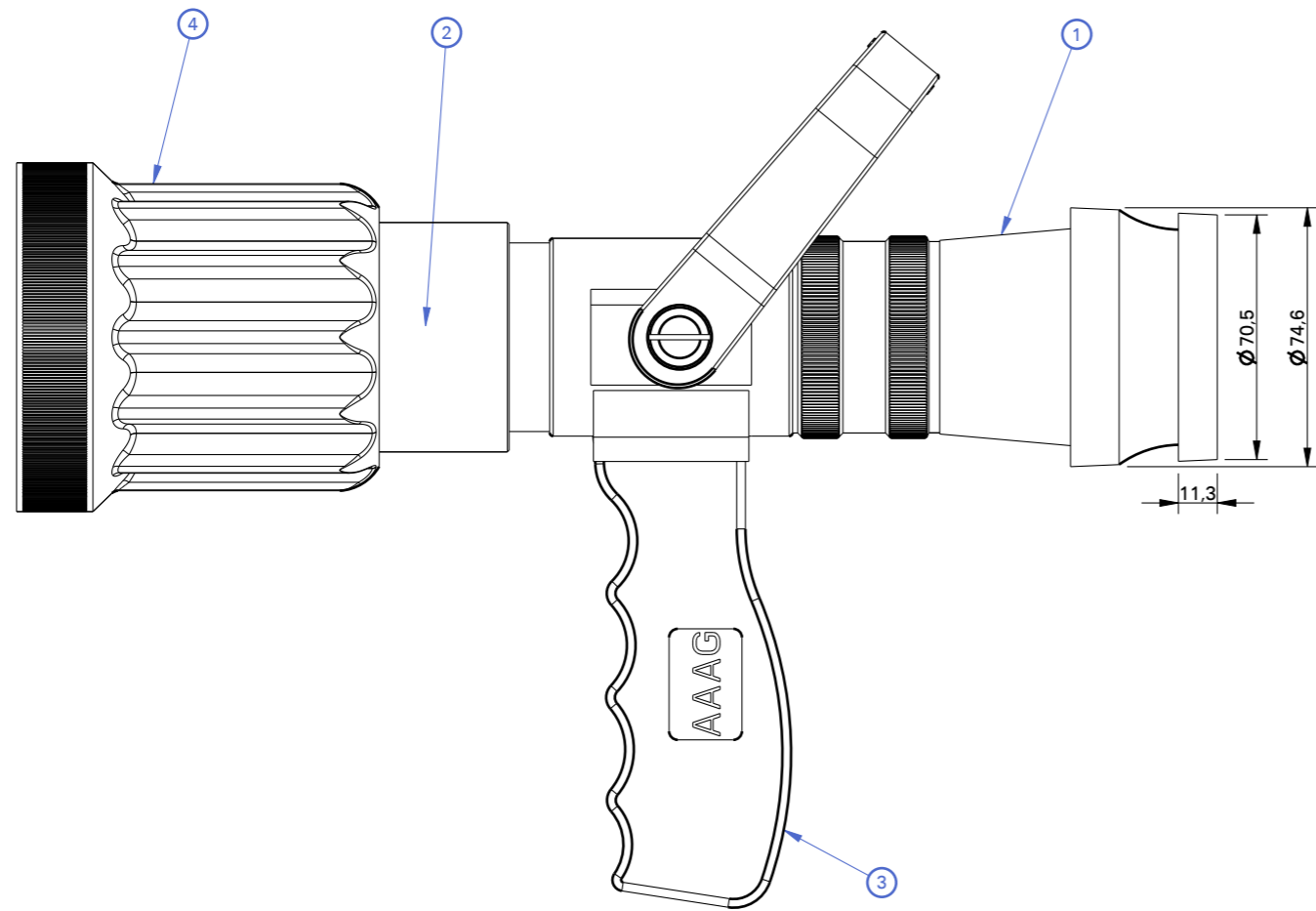
5.1	Nozzle	Anodized finish (Green/Grey)
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**6.0 APPROVALS & MARKING**

6.1	Approvals	--
6.2	Marking on Nozzle	Model/ Discharge pattern indication

**7.0 WARRANTY**

7.1	Warranty & Guarantee	12 Months from the date of supply
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1	NOZZLE BODY & PARTS	ALU. (ANODIZED)
2	DEFLECTOR	G.M IS:318 LTB-2
3	PISTOL GRIP	RUBBER MOULDED
4	BUMPER	RUBBER
<b>NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
<b>PART LIST</b>		



**Shah Bhogilal Jethalal & Bros.**

AHMEDABAD

**TITLE :**

Constant Flow Nozzle 'Unilite', Aluminium

**SCALE**

N.T.S

**DRAWING NO:**

A119-63BJ

**SHEET**

1 OF 1

**REV.**

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