

## FOAM HOSE STREAM NOZZLE (UL Listed)

Model : IFP-LX-400 (J)/(S)

### Special Features

- UL Listed
- Operates with fresh or sea water.
- Air aspirating for use with all foam concentrates
- Produces most effective long lasting foam blanket
- Spray to straight stream pattern control without shutting off flow
- Light weight and nozzle pressure within the control of an operator.
- 5 optimum size port holes of the nozzle ensure uniformity of flow, throw and increase reliability & efficacy during application.

### Description

The IFP Model LX-400 (J)/(S) Foam Hose Stream Nozzle/Low Expansion Branch Pipe is air aspirating type handline nozzle designed to maximize mobility and fire fighting capability. The aspirating design makes the nozzle superior in performance by maximizing foam expansion and drainage time. When using handline proportioners/ inline inductors as portable devices a pick-up tube is provided to draw foam concentrate from the portable foam containers.

### Applications

IFP-LX-400 (J)/(S) is most useful in a long range of fire and hazardous situations involving combustible solids, flammable liquids and toxic liquid spills etc. The versatility of use as Jet (Straight Stream Pattern) & Spray type application make it suitable for various hazardous situation e.g., its long throw and rapid coverage with foam, make the unit suitable for outdoor fire situations as well as for areas used for storage of hazardous materials and also for cooling of tank shell with water spray only. The important applications are :

- To control fires involving all types of Hydrocarbon fires, paint, solvent and other hazards of Class 'A' and Class 'B' fires.
- To control fires, involving Liquefied Natural Gas (LNG), Liquefied Petroleum Gas (LPG) and suppression of hazards/toxic liquid Spills.
- The simple construction and reliable performance makes the nozzle ideal for Air Craft rescue and fire fighting.
- Designed for application with Mobile Foam Unit.

UL listed IFP-II-400 (V) 3%/6% is the matching inline inductor / air foam proportioner for IFP-LX-400 (J)/(S) as evaluated by UL.

### Approval

UL-162

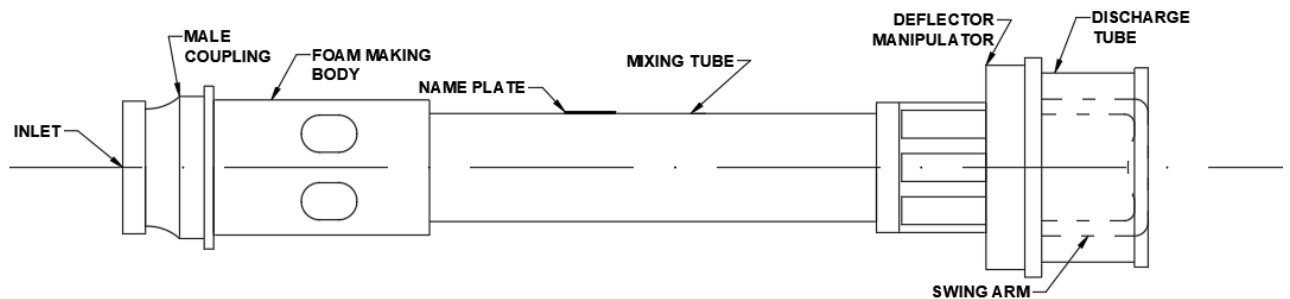


## Materials of Construction

	Material
Model	IFP-LX-400(J)/(S)
Foam making body	Aluminum Alloy
Mixing tube	Aluminum Alloy
Retaining collar	Aluminum Alloy
Deflector manipulator	Aluminum Alloy
Discharge tube	Aluminum Alloy
Deflector disc swing arm	Stainless Steel
Diffusor	Stainless Steel
Nozzle	Aluminum Alloy
Male Coupling	Stainless Steel

## Technical Data (±5%)

Model	IFP-LX-400(J)/(S)
Part Number	401040
Inlet Pressure, bar (psi)	4-10 (57.1-142.8)
Water Flow, lpm (gpm)	350-475 (90.5-123)
Range (throw), metre (feet)	13-25 (42-82)



## Dimension (Approx)

Model	Overall Length (mm)	Maximum Width (mm)
IFP LX 400(J/S)	624 ± 3	135 ± 2

## Ordering Information

Part Number	Model	Colour	Weight (kg)
401040	IFP-LX-400(J/S)	Red/Black	4

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