

Special Features :

- Designed to aspirate and mix air into the foam solution stream to generate foam
- Produce stable foam at a low inlet foam-water solution pressure
- Improved mobility and fire fighting capability of one man on one hose line
- Compact design and quick changeover from straight stream to spray stream foam on the model IFP-LX-450L(J&S) B.I.
- Long throw
- Light in weight for easy portability
- Corrosion resistant
- Minimal maintenance



Applications :

These are most useful in a long range of fire and hazardous situations involving combustibles, flammable liquids and toxic liquid spills etc. 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 paint and solvent, toxic liquid spills etc.
- To control fires, involving Liquefied Natural Gas (LNG) and Liquefied Petroleum Gas (LPG) and AMMONIA Spills etc.

Higher capacity low expansion foam branchpipe is also available on request.

Materials of Construction :

Model		IFP-LX-225L/IFP-FB 5X, IFP-LX-400L/IFP-FB 10X, IFP-LX-450L, IFP-LX-225L(B.I.) IFP-LX-400L (B.I.) IFP-LX-450L (J&S) B.I.
Body/mixing tube/nozzle		Al. Alloy as per IS 733 / IS 738
Deflector swing arm		SS as per IS 3444, Grade - I
Coupling / discharge tube		Al. Alloy as per IS 617
B.I. Model	Pick up tube	Flexible RF polythene 1 m. Long
	Piercer	SS, 500 mm long

SS: Stainless Steel, **GM:** Gun Metal, **Al:** Aluminium, **CRP:** Chrome Plated, **EP:** Engineering Plastics

LOW EXPANSION FOAM BRANCHPIPES (PORTABLE)

Specification :

TECHNICAL DATA (± 5%)

MODEL	IFP-LX-225L/ IFP-FB 5X	IFP-LX-225L (B.I)	IFP-LX-400L/ IFP-FB 10X	IFP-LX-450L	IFP-LX-400L (B.I)	IFP-LX-450L (J&S)B.I.
Part Number	401010 401011	401012	401020 401021	401030	401021	401031
Minimum inlet foam water solution Pressure (bar)	3.0	3.0	3.0	3.0	3.0	3.0
Foam water solution flow, Nominal(LPM)	225	225	400	450	400 / 450	450 / 500
Throw (in metre)	17	16	20	20	20	JET - 20 SPRAY - 14
Expansion ratio(typical)*	1 : 7 (minimum)					
Std. Inlet water connection	63 mm instantaneous male coupling (IS std)					

* will depend on ambient temperature and quality of foam concentrate. Values are based on IFP UNILIGHT AFFF at 27°C

If the flow rating of Branchpipe is greater than that of the inductor, throw of Branchpipe will be reduced. If the flow rating of Branchpipe is less than that of the inductor, foam concentrate induction may cease.

Dimensions (approx) :

MODEL	IFP-LX-225L/ IFP-FB 5X	IFP-LX-225L(B.I)	IFP-LX-400L/ IFP-FB 10X	IFP-LX-450L	IFP-LX-400L(B.I)	IFP-LX- 450L(J&S)B.I.
Length (mm)	600	650	650	650	700	700
Dia (mm)	65	65	80	80	80	130

Ordering Information

Part Number	Model
401010	IFP-LX-225L
401011	IFP-FB 5X
401012	IFP-LX-225L(B.I.)
401020	IFP-LX-400L
401021	IFP-FB 10X
401030	IFP-LX-450L
401021	IFP-LX-400L (B.I.)
401031	IFP-LX-450L (J&S) (B.I.)

Due to continuous R&D Work, effects of product improvements are incorporated in the specifications as and when required.

Contacts in Emergency : +919903914042; +919903973902

Integrated Fire Protection Pvt. Ltd.

Corporate Office:

Siddha – Esplanade, Room 1105

6 Jawaharlal Nehru Road, Kolkata – 700013, India

Phone : +91 33 24541061, 24755634 | Fax : +91 33 2476 1107 | E-mail : info@integratedfire.net | Web : www.integratedfire.net

Registered Office:

60A, Pandit M M Malabya Sarani

Chakraberia Rd (N), Kolkata - 700 020 INDIA