



PORTABLE INLINE FOAM INDUCTORS



Portable Inline Inductors provide the means for accurate induction and mixing of foam concentrate into the water stream, for operation of foam branches and equipment. These Inline Inductors are matched to USAFE foam equipment such as LX, MX and HX branches and generators.

Brief Description : USAFE Portable Inline Inductor, matching to USAFE FB10X (Foam Branch of capacity 450 lpm at 7 kgf/cm² inlet pressure). Constructed of SS316, having 63 mm Male Inlet/ Female Inst. Outlet. Induction rate shall be 3% (optional 6%), with outlet pressure at least 65% of Inlet pressure. Supplied with PVC Pick up tube and SS304 dip tube.

1.0 GENERAL DATA

1.1	Make	USAFE
1.2	Model	ILP450
1.3	Inlet/ Outlet	63 mm Instantaneous Male inlet / Female Outlet
1.4	Foam Compound Inlet	Quick coupling (screwed) connection for use with Pick up tube

2.0 MATERIAL OF CONSTRUCTION

2.1	Body/Improver	SS316 IS:3444 Gr. IV
2.2	Inlet Nozzle	SS316 IS:3444 Gr. IV
2.3	Instantaneous Inlet/ Outlet	SS316 IS:3444 Gr. IV
2.4	Pick up Tube	PVC Braided Hose/SS304 Pipe

3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	See Drawing Below
3.2	Performance Requirements	Flow matching to FB 10X (Foam Branch having nominal capacity of 450 lpm at 7.0 kgf/cm ² inlet pressure), Induction - 3%

4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	5 to 12 Kgf/cm ²
4.2	Length (Approx)	450 mm
4.3	Weight (Approx.)	5.5 Kgs.

5.0 FINISH

5.1	Inductor	Painted - Fire Red/ Yellow colour
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7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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Manufactured by

UNITED FIRE & SAFETY SERVICES

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