

IN-LINE INDUCTOR (PORTABLE/FIXED TYPE)

Special Features

- Foam monitoring valve to adjust induction rate from 1% to 6%, if specified, otherwise 3% or 6% as per customer requirement.
- Suitable to use with all types of foam concentrates
- Matching with required flow rate of foam making branch pipes / high expansion foam generators & foam makers.
- IFP inductors are capable to maintain allowable induction accuracy automatically due to head variation between inductor and branch pipe within the specified limiting back pressure.
- Easy manoeuvrability as a portable unit
- Minimal maintenance.

Applications

IFP INLINE INDUCTORS are the device for making solution by inducing foam concentrate and properly mixed into water at a required proportion.

Correct matching of inductor is very important to get the optimum performance of the foam making equipment within the operating pressure range .

IFP INLINE INDUCTORS are very sensitive to downstream pressures and accordingly the unit should be placed anywhere within the specified length between the pump or hydrant and foam making unit suiting the convenience of fire fighters.

No further attention is required during operation if the unit is installed properly except, for ensuring required supply of foam concentrate from time to time.

HIGHER CAPACITY INLINE FOAM INDUCTORS ARE ALSO AVAILABLE ON REQUEST.

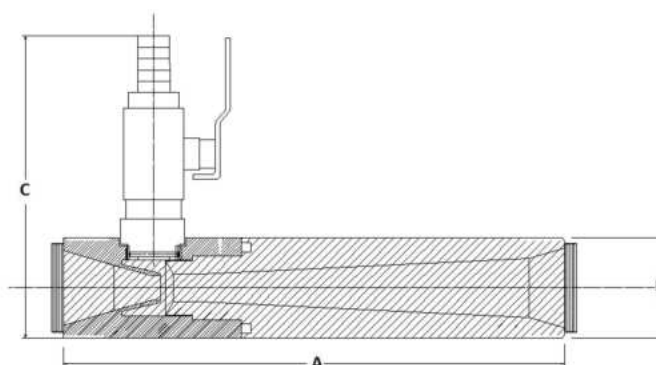
Materials of Construction

	Material
Model	IFP-II-225L, IFP-II-400L, IFP-II-600L, IFP-II-1200L
Body	Aluminum Alloy/ Gun Metal/ SS 316
Coupling/Flange	Gun Metal/ Al. Alloy/ SS 316
Foam monitoring / Metering valve	SS
Pick-up tube	Reinforced wire braided PVC
Piercer/ Strainer	SS



Technical Data (±5%)

Model	IFP-II-200L / IFP-II-225L	IFP-II-400L	IFP-II-600L	IFP-II-1200L	IFP-II-1600L
Type	Variable/Fixed	Variable/Fixed	Fixed	Fixed	Fixed
Part Number	404010	404020	404030	404040	404050
Size	65NB	65NB	65NB	65NB	65NB
Inlet Pressure, bar	5.0 - 7.0	5.0 - 7.0	5.0 - 7.0	5.0 - 7.0	5.0 - 7.0
Water Flow (nominal), lpm	200-225	400 - 450	600 - 650	1200 - 1250	1600 - 1650
Proportioning	Variable - 1 to 6% Fixed - 3% or 6%	Variable - 1 to 6% Fixed - 3% or 6%	Variable - 1 to 6% Fixed - 3% or 6%	Variable - 1% to 6% Fixed - 3% or 6%	Variable - 1% to 6% Fixed - 3% or 6%



Dimension (±5%)

Model	A	B	C
IFP-II-200L/IFP-II-225L	240 mm	77 mm	220 mm-240 mm
IFP-II-400L	265 mm	77 mm	220 mm-240 mm
IFP-II-600L	265 mm	77 mm	220 mm-240 mm
IFP-II-1200L	390 mm	77 mm	220 mm-240 mm
IFP-II-1600L	390 mm	77 mm	220 mm-240 mm

Ordering Information

Part Number	Generator Model	Type	Body	Connection	Colour
404010	IFP-II-225L	Variable/Fixed	Aluminum Alloy/ Gun Metal/ SS 316	Flange/ Coupling	Red/Yellow
404020	IFP-II-400L	Variable/Fixed	Aluminum Alloy/ Gun Metal/ SS 316	Flange/ Coupling	Red/Yellow
404030	IFP-II-600L	Variable/Fixed	Aluminum Alloy/ Gun Metal/ SS 316	Flange/ Coupling	Red/Yellow
404040	IFP-II-1200L	Variable/Fixed	Aluminum Alloy/ Gun Metal/ SS 316	Flange/ Coupling	Red/Yellow
404050	IFP-II-1600L	Variable/Fixed	Aluminum Alloy/ Gun Metal/ SS 316	Flange/ Coupling	Red/Yellow

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