IFP India

**PRODUCT SHEET**

# 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 manoeuvreability 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.

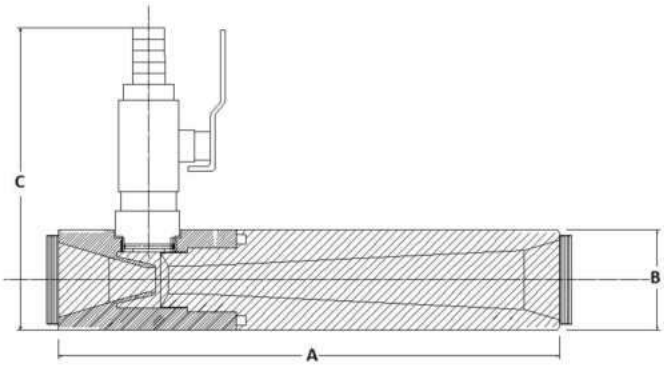
HIGHER CAPACITY INLINE FOAM INDUCTORS ARE ALSO AVAILABLE ON REQUEST.

## 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%<br>Fixed – 3% or 6% | Variable - 1 to 6%<br>Fixed – 3% or 6% | Variable - 1 to 6%<br>Fixed – 3% or 6% | Variable - 1% to 6%<br>Fixed – 3% or 6% | Variable - 1% to 6%<br>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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