

# MOBILE FOAM UNIT

## IFP MFU 50L, IFP MFU 100L, IFP MFU 150L, IFP MFU 200L

### Special Features :

- Designed to quick deployment of foam to fire and operated by oneperson
- Self contained unit with foam tank mounted on a trolley
- Equipped with variety of foam making branchpipes along with matching inline inductor including two lengths of hose with instantaneous male & female coupling to suit Specific requirements.
- The unit could be connected to pressurised water hydrant/ ring mainsystem. Unit can be re-filled during operation, if required for prolonged duration.
- Easy maneuverability as a mobile unit.

### Applications

IFP-MFU is ideal for rapid deployment of foam to flammable liquids, combustibles solids and toxic liquid spills etc. Wide choice of Foam making Branchpipes with matching inductor makes the unit suitable both for indoor and outdoor fire situations as well as for enclosed area used for storage of hazardous materials. The important applications are -

- Deployment of foam to flammable liquid fires & chemical spills.
- Oil storage and loading terminals, paint and solvent stores, aircraft hangers and all similar high risk areas.
- Flooding of Basement/Tunnels & Ducts/Engine rooms etc.
- To control fire, involving LNG & LPG including control of vapour dispersion.

Various shape (cylindrical/decahedron) of foam tank with wide range (50L/100/150/200 ltr) of capacity and different materials of construction(SS/FRP) are available to suit customer's requirements.

The unit could be supplied in combination with the following low/medium expansion foam branch pipe along with matching inline inductor.

IFP-LX-450L  
IFP-MX-450L  
IFP-II-450L  
RRL HOSE : Optional

IFP-LX-200L  
IFP-MX-200L  
IFP-II-200L

IFP-LX-225L  
IFP-MX-225L  
IFP-II-225L

IFP-MX-400L  
IFP-II-400L



IFP-LX-400L

## Specification :

### MODEL : IFP MFU 200L(DGR)/IFP MFU 140L(DGR)

Part Number	405011-1	405011-2
Nominal Capacity	210L	140L/150L
Shape	Decahedron	Decahedron
Foam Tank MOC	FRP	FRP
Trolley	MS	MS
Wheel	Solid Rubber/ Polymer	Solid Rubber/ Polymer
Overall dimension (HxLxW)	1250mm x800mm x1100mm	1250mm x800mm x1000mm
Inlet (Filling)	100 mm	100 mm
Branchpipe	FB10X(MOC-Al. Alloy/SS) OR IFP LX 400(J/S)	LX 400 WITH SHUT-OFF VALVE (MOC-SS)
Inline inductor	MOC - Al. Alloy/SS/ Brass	MOC - Al. Alloy/SS/ Brass

### MODEL : IFP MFU 200L(DSS)/ IFP MFU 140L(DSS)

Part Number	405012-1	405012-2
Nominal Capacity	210L	140L/150L
Shape	Decahedron	Decahedron
Foam Tank MOC	SS 304/ SS 316	SS 304/ SS 316
Trolley	MS	MS
Wheel	Solid Rubber	Solid Rubber
Overall dimension (HxLxW)	1250mmx800mmx1100mm	1250mmx800mmx1000mm
Inlet (Filling)	100 mm	100 mm
Branchpipe	FB10X(MOC- Al. Alloy/SS) OR IFP LX 400(J/S)	LX 400 WITH SHUT-OFF VALVE (MOC-SS)
Inline inductor	MOC - Al. Alloy/SS/ Brass	MOC - Al. Alloy/SS/ Brass

### MODEL : IFP MFU 200L/IFP MFU 150L/ IFP MFU 100L/ IFP MFU 50L

Part Number	405013-1	405013-2	405013-3	405013-4
Model	IFP MFU 200L	IFP MFU 150L	IFP MFU 100L	IFP MFU 50L
Nominal Capacity	210L	160L	105L	55L
Shape	Bullet	Bullet	Bullet	Bullet
Foam Tank MOC	SS 304/ SS 316/ FRP	SS 304/ SS 316/ FRP	SS 304/ SS 316/ FRP	SS 304/ SS 316/ FRP
Trolley	MS	MS	MS	MS
Wheel	Solid Rubber	Solid Rubber	Solid Rubber	Solid Rubber
Overall dimension (HxLxW)	1200mm x 800mm x 600mm	1200mm x 800mm x 500mm	1200mm x 600mm x 450mm	1200mm x 450mm x 370mm
Inlet (Filling)	100 mm	100 mm	100 mm	100 mm
Branchpipe	FB 10X OR IFP LX 400(J/S)	FB 10X OR IFP LX 400(J/S)	FB 10X OR IFP LX 400(J/S)	FB 10X OR IFP LX 400(J/S)
Inline inductor	IFP II 400/ IFP II 400(V)	IFP II 400/ IFP II 400(V)	IFP II 400/ IFP II 400(V)	IFP II 400/ IFP II 400(V)

FB 10X : MOC - Al. Alloy/SS, IFP II 400 : MOC - Al. Alloy/SS

#### Optional:

**Hose** - 2½ Inch (63 mm) dia conforming to IS 636/88 TYPE- A/ TYPE - B fitted with 63 mm GM male & female coupling (IS 903) 15 mtrs long each x 2 Nos for each unit.

FRP : Fiber Reinforced Plastic, SS : Stainless Steel, MS : Mild Steel, Al. Alloy : Aluminium Alloy, GM : Gun Metal

Due to continuous R&D work, effect of product improvements are incorporated in the Specifications as and when required.

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