

# PRIMA

## FOAM UNITS



**EQUIVALENT FIRE  
POWER OF 40  
STANDARD FOAM  
EXTINGUISHERS**

**LX-Prima** - Low Expansion Model

**MX-Prima** - Medium Expansion Model

- Long Throws
- Rapid Response
- Fire Extinguishment Control
- Vapour Control
- Use with Fire Hydrants
- Use with Hose Reels and Hose Racks



Medium Expansion Model

## GENERAL DESCRIPTION

In many flammable liquid spill situations, portable foam or powder extinguishers are just not adequate. Low application rates and short running times mean the fire can be out of control before help arrives. Delta Prima Foam Making units are hand held appliances, delivering the output of forty, 9 litre foam extinguishers when filled with a 3% foam concentrate.

## PRINCIPLE OF OPERATION

Delta Prima Foam units require a pressurised water supply for use. Typically this could be a standard fire hose reel or a fire hydrant. Remarkably low pressures are required, in fact as little as 2 bar. At only 3.5 bar (50psi), the LX Prima has a throw of 6.5 meters.

The unit is filled with 12 litres of foam concentrate and is fitted with an on/off ball valve to provide complete operator control. When this ball valve is opened, water passes through the foam mixing head drawing up the concentrate at a preset 3% or 6% admixing rate.

## APPLICATIONS

Virtually any situation, where flammable liquid spills can occur and where there is a water supply available, requires a Prima Foam Unit.

Typical areas of use are as follows: Car Ferry Decks, Flammable Liquid Stores, Fuel Loading Racks, Boiler Rooms, Ships' Engine Rooms, Paint and Solvent Stores.

The LX Prima is ideal for all fire control situations and can be used with any foam concentrate. The MX Prima is designed for both fire extinguishment and the blanketing of flammable liquid spills and vapour suppression.

## TECHNICAL DATA

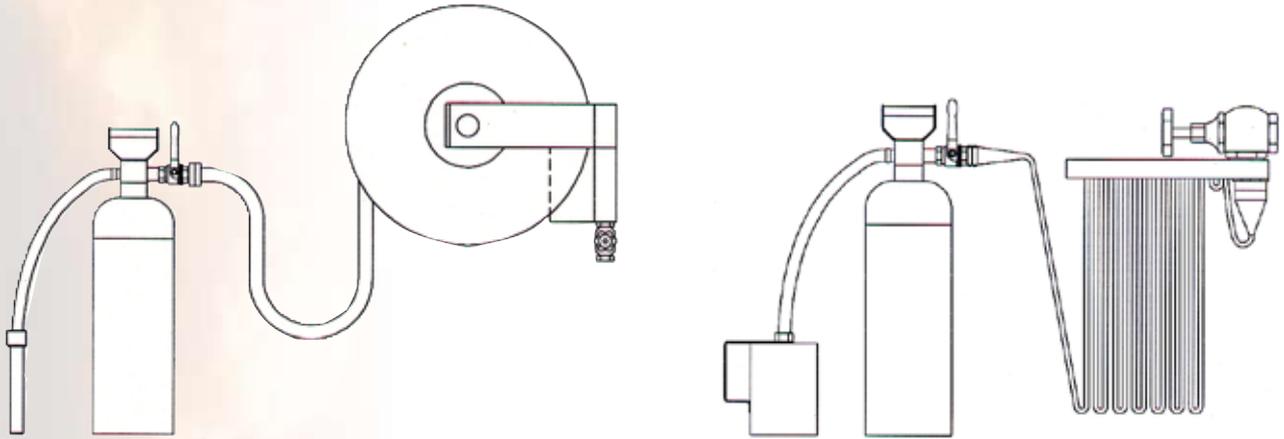
Model	LX Prima	MX Prima
Total Flow	45L/Min at 4 Bar	45L/Min at 4 Bar
Operating Pressure Range	3-10 Bar	2-10 Bar*
Foam Concentrate Capacity	12 Litres	12 Litres
Discharge Time 3%	9 Minutes	9 Minutes
Discharge Time 6%	4.5 Minutes	4.5 Minutes
Inlet	1" BSP Female	1" BSP Female
Empty Weight	4.0kg	4.5kg
Full Weight	16.0kg	16.5kg

\*Depending on the foam concentrate used.

**Inlet Adaptors:** A comprehensive range is available, including 19mm and 25mm hose tail, quick release Storz D, instantaneous.

See Technical Data Sheet for further details.

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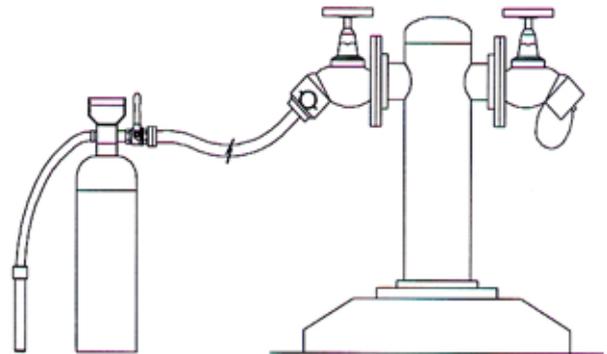
**Fire Hose Reel**

## Hose Reel 19mm or 25mm

The Prima Foam Unit only requires a pressurised water supply to provide up to 10 minutes of continuous foam production.

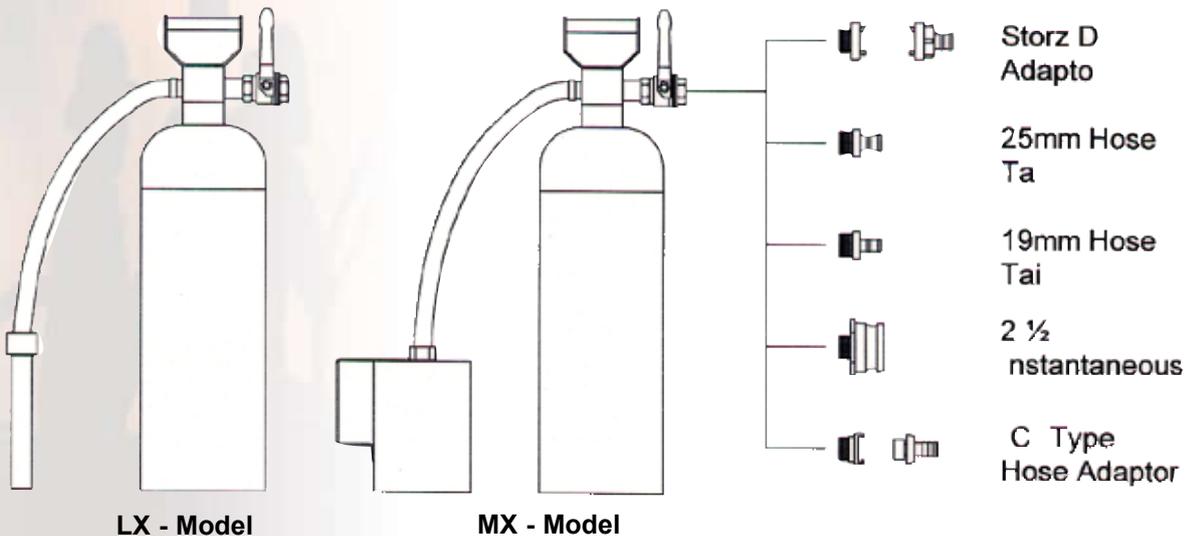
The diagrams show several common methods of connecting to a water supply. However many alternative methods can be employed.

The Prima is extremely versatile and can be supplied with virtually any International connection. The supply hose can be either 19mm or 25mm Hose Reel Tubing or Layflat fire hose.



**Fire Hydrant**

Some examples of different connections are shown below.



**LX - Model**

**MX - Model**