

## Mobile Foam Cart - SK140

### General Description

The SKUM SK140 is a rugged mobile unit designed for one-man operation in the application of low and medium expansion foam. The SK140 can deliver all types of foam concentrate to match the risk being protected and when used in conjunction with a medium expansion foam solution, the unit is an excellent tool for applying vapour suppressing foams.

### Application Description

Ideal for the protection of oil storage and loading terminals, paint and solvent stores, boiler rooms, ships' engine rooms, helipads, oil rigs and similar high risk locations.

### Alternative Fittings

Any low or medium expansion foam branchpipe can be used, along with a variable rate foam inductor. Alternatively, water spray branches can be supplied for use with film forming foam concentrates. International hose couplings can be supplied to customer's requirements.

Marine version includes gunmetal inductors, stainless steel branchpipe and chassis.

### Product Features

- One man operation
- Large diameter fill cap
- Suitable for all types of foams
- Maintenance free solid rubber wheels
- Corrosion resistant body, painted steel frame
- 140 litre capacity chemically-resistant polyethylene tank
- Marine version available
- Fitted with 2 x 15 metre lengths of VIKING fire hose as standard

### Low Expansion Foam Branchpipes

The low expansion foam branchpipe MLR-40A is a portable, lightweight, stainless steel branchpipe, designed for an optimum combination of foaming and jet range, using all types of foam concentrate.



### Medium Expansion Foam Branchpipes (optional)

Medium expansion branchpipes capable of producing large quantities of foam with low water usage. Performs with high expansion fluoroproteins, multipurpose FFFP and ARC concentrate.

Stainless steel and polyurethane construction for corrosion-resistant life. Lightweight nozzles and coupling also have a strainer to prevent blockage by waterborne particulates.

### Order Information

| Part No.    | Description  |
|-------------|--|
| ■ 101910204 | S K-140 with MLR-40 200 l/min, ind50, 2x15m w/o fire hose and couplings  |
| ■ 101910207 | SK-140 with MLR-40 200 l/min, ind50, 2x15m VIKING fire hose all without couplings. Couplings to be specified separately  |
| ■ 101910210 | SK-140 with MLR-40 200 l/min, ind50, 2x15m VIKING fire hose all with BSS 336 couplings                                   |
| ■ 101910216 | Marinised versions SK-140. Additional cost for marine version SK-140, 200 l/min ind50                                    |
| ■ 101910102 | SK-140 with MLR-40 400 l/min, ind100, 2x15m w/o fire hose and couplings  |
| ■ 101910105 | SK-140 with MLR-40 400 l/min, ind100, 2x15m VIKING fire hose all without couplings. Couplings to be specified separately |
| ■ 101910108 | SK-140 with MLR-40 400 l/min, ind100, 2x15m VIKING fire hose all with BSS 336 couplings.                                 |

## Performance Data

Foam expansion ratio: Up to 15:1

| Type      | Water capacity (l/min) | Inlet pressure (bar) | Reaction force (N) |
|-----------|------------------------|----------------------|--------------------|
| ■ MLR-40A | 200                    | 5                    | 104                |
| ■ MLR-40A | 400                    | 5                    | 208                |

1 bar = 0.1 MPa = 14.5 psi  
Other capacities available on request

## Technical Data

|                              | MLR-40 A                  | MRM 200P               | MRM 400P               |
|------------------------------|---------------------------|------------------------|------------------------|
| ■ Operating pressure         | 5 bar                     | 5 bar                  | 5 bar                  |
| ■ Nozzle flow                | 200 - 400 l/min           | 200 l/min              | 400 l/min              |
| ■ Max. expansion rate        | 50:1                      | 50:1                   | 50:1                   |
| ■ Throw (approx.)            | 22/26 m                   | 8 m                    | 10 m                   |
| ■ Quantity of foam (approx.) | 3 / 6 m <sup>3</sup> /min | 10 m <sup>3</sup> /min | 20 m <sup>3</sup> /min |
| ■ External coupling thread   | 1½" BSP                   | 2" BSP                 | 2" BSP                 |
| ■ Length                     | 700 mm                    | 520 mm                 | 610 mm                 |
| ■ Diameter                   | 60 mm                     | 185 mm                 | 260 mm                 |
| ■ Weight (approx.)           | 3.2 kg                    | 3.5 kg                 | 4.1 kg                 |

