



Monitors

- Wide range to meet any application
- Manual, electrical, hydraulic and water driven oscillating options
- Standard or self-inducting versions
- Fixed, portable or trailer mounted units
- Flow ranges from 500 l/pm to 20000 l/pm

Overview

Monitors are essentially high capacity water jets used for fighting a wide range of varied fire hazards. Both portable and fixed types are available and variations allow for them to be aimed either manually or remotely. They also exist in a number of sizes that vary in water capacity (measured in litres or gallons per minute) and achievable distance or 'throw' (measured in metres or feet/yds).

The nozzle of the monitor is usually adjustable to change the water flow from fog or wide beam to jet or straight beam to meet the immediate situation needs and increase the flexibility of usage.

Foam concentrate can also be added to the water (either upstream or in some cases through the monitor itself); this means monitors are often the method of choice for delivering a large amount of foam accurately to an area in the shortest time and from a safe distance.

Performance

Monitors performance can be measured in capacity and range. Monitors are available that can deliver from less than 500 litres per minute (lpm) and up to 20000 lpm depending on the application hazard and system used.

Likewise monitors can be used within a range of less than 10m whilst some have a throw in excess of 130m.

Applications

Monitors can be used in a wide variety of applications and a number of specific types exist to meet these needs. We can supply portable monitors, monitors on trailers, containers and monitors with water-driven oscillation. Manual types are generally designed to be operated by one fire fighter at the unit whilst hydraulic and/or electrical mechanically operated units can often be operated remotely, safely away from the hazard. Further functionality can be added to these remote controlled systems such as automatic oscillation and automatic fire tracking.

Smaller monitors may be used to control specific fixed hazards such as helideck operations whereas large portable monitors may be used in large scale incidents such as petrochemical storage and refinery fires, offshore or marine.

Monitors are also frequently mounted on transportation vehicles that could include fire trucks, trailers and marine shipping.



APPLICATIONS FOR MONITORS

- ▮ Refineries & chemical plants
- ▮ Petrochemical, solvent LNG/LPG and other fuel storage
- ▮ Marine ships/tankers/barges
- ▮ Loading docks
- ▮ Fire trucks/ARFF vehicles/crash tenders
- ▮ Fire boats
- ▮ Aviation
- ▮ Waste bunkers

Advantages

Versatility:- monitors can be used on a number of different hazards, in many different applications and environments.

Economy:- fixed monitor installations require relatively little maintenance and limited manpower to operate.

Approvals

SKUM is wholly committed to approving our foam hardware to the latest industry standards. SKUM monitors are tested and approved to the standards most appropriate to that industry, application and risk.

Varieties

SKUM offers a complete range of monitors and types to meet most common applications. SKUM proprietary designed FJM monitors are manufactured at our facility in the UK and tailored to fit the needs of the customer's application and system requirements.

SKUM Foam solutions

As a brand 'SKUM' is synonymous with fire-fighting foam:- SKUM literally means foam in Swedish.

From its foundation in Sweden in the 1930's SKUM has become the global standard of foam fire suppression in high-risk, high-stake industries.

SKUM offers a complete range of foam agent concentrates designed with performance, efficiency and environmental impact in mind. Products are tested at internationally recognised facilities and approved to the standards most appropriate to that industry, usage and risk.

As a manufacturer of both foam hardware and foam agents, SKUM is able to supply single component needs as well as complete end-to-end systems. An unrivalled history of fire suppression experience and a dedicated Foam Technical Service Team mean that SKUM is happy to address and confident to meet any customer fire-fighting foam requirement.