



The Loglogic Fire Fighting System is designed to be powered by the SOFTRAK hydraulic system thereby eliminating the risks of using petrol powered equipment and the carrying of extra petrol etc. The Fire Fighting System comprises a high volume low-pressure self-priming pump and a high pressure "Fogging System".

The high volume pump can be used for either filling an onboard storage tank from a stream, pond or reservoir or for high water

volume fire fighting or damping down, drawing from the onboard tank and discharging through the outlet manifold equipped with two 1" and one 2" outlets. The high-pressure low volume "Fogging System" is suitable for controlling and suppressing various types of fire. Fogging units are designed to produce a specific water droplet size and jet stream velocity to provide an effective fire fighting combination. This gives deep fire penetration, rapid knockdown, extended fire attack time, rapid temperature drop due to efficient heat absorption and large reaction surface of the water droplets on the fire area. As the water droplets very quickly turn to steam they absorb large amounts of energy, namely heat. Consequently the water vapour expands in volume by 1640 times. This reduces the oxygen content in the fire, resulting in an immediate temperature drop.

RESERVOIR TANK:

The tank is fabricated from 6mm polypropylene and is divided into six internal compartments by 12mm baffle plates, the base of the tank is protected by 12mm skid strips. Full flow suction and delivery filters and a 300mm filling port are located on the top of the tank

SPECIFICATION:

Dimensions 660 x 1910 x 1114
 Volume 1000 litres (approx)
 Weight 65kg (approx)

SPECIFICATION:

The high volume pump system comprises a hydraulically driven self-priming centrifugal pump.

Maximum flow.....700l/min
 Maximum pressure.....2.5bar
 Inlet size.....2"
 Outlets.....2 x 1", 1 x 2"

The high pressure fogging system comprises a unique one piece hydraulic powered water intensifier fitted with a high capacity suction filter, 40m Hose reel and lance with change-over head for either solid cone or fan jets.

Maximum Flow.....20l/min (@20l/min hydraulic flow)
 Maximum Pressure..... 200 bar (@ 250 bar hydraulic pressure)



FIRE FIGHTING SYSTEM