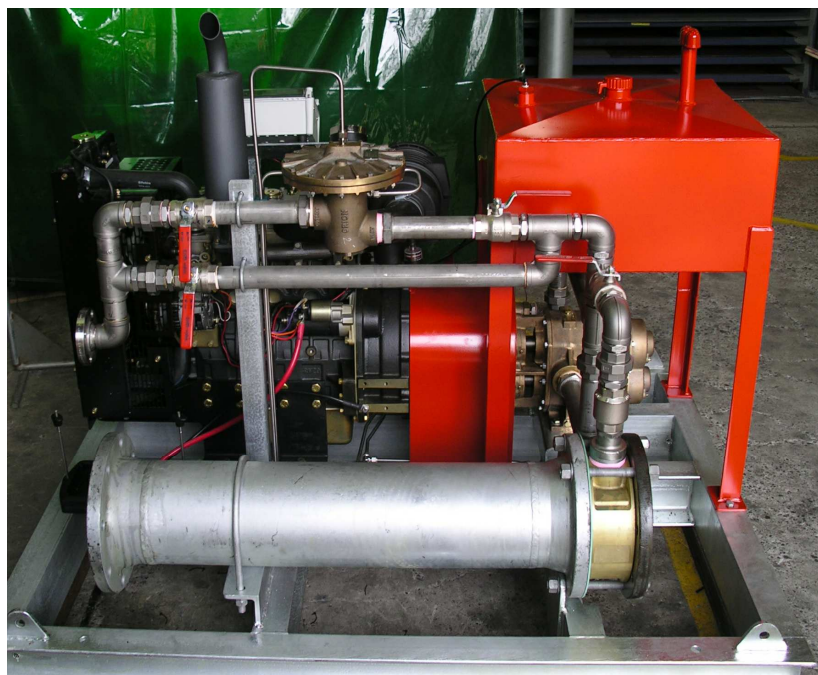


Foam Proportioning

Surplus Type Foam Pump Units



SAFETY INDUSTRIES
Pty Limited



Diesel foam proportioning skid

Description

There are a number of implementations of balanced proportioning systems. These systems use a venturi device that is a variant of the line proportioner. The venturi produces only a moderate low-pressure zone and the pressure reduction in the proportioner is proportional to the flow through the proportioner. If the foam concentrate is supplied to the proportioner at the same pressure as the water then the proportioning rate is constant over a wide range of flows. Turn down ratios of 7 to 10 are possible with these systems.

Pumped systems use a foam concentrate pump to supply the foam concentrate and a double acting control valve to regulate the foam concentrate supply pressure to the water supply pressure. Pumped systems are commonly used for large installations where one proportioning pump unit can be used for many different foam systems. Pressure balancing can be done at the pump (surplus systems) or at the proportioner (ILBP systems).

Surplus pump systems are ideal for centralised foam proportioning at small to large facilities where there are multiple foam systems range of flows. They are readily refilled while in operation and proportion with relatively low water pressure losses.

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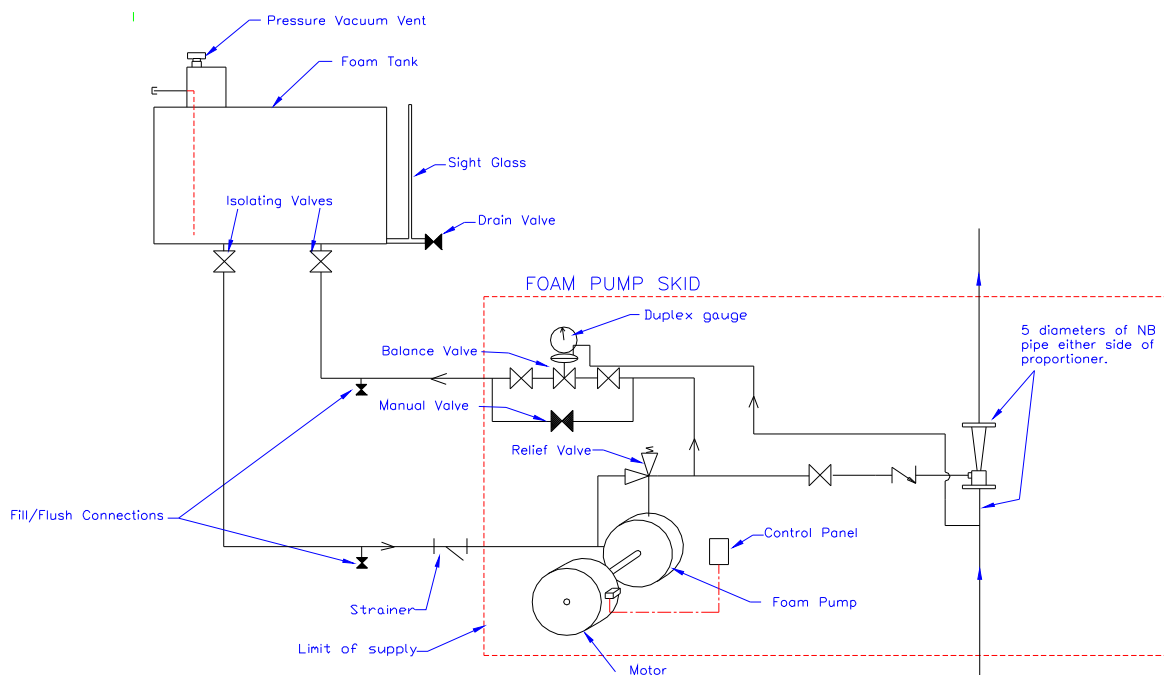
A.C.N. 002 538 696

Tel (61) 2 9821 2244 29 SHEPHERD STREET LIVERPOOL NSW 2170 FAX (61) 2 9821 2906
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Standard Pump Units

Our standard pumps use high performance gear pumps designed for a maximum delivery pressure of 16 Bar. Each pump unit is supplied with a pressure balancing valve, UL/FM control panel, motor/engine and high performance gear pump with relief valve all skid mounted ready for installation. Batteries are not provided.

Part #	Electric Pump Model	Part #	Diesel Pump Model
14589	50 lpm Electric SURPLUS foam pump	16906	50 lpm Diesel SURPLUS foam pump
16687	75 lpm Electric SURPLUS foam pump	12465	75 lpm Diesel SURPLUS foam pump
13422	140 lpm Electric SURPLUS foam pump	15665	150 lpm Diesel SURPLUS foam pump
14470	175 lpm Electric SURPLUS foam pump	13544	175 lpm Diesel SURPLUS foam pump
12011	230 lpm Electric SURPLUS foam pump	16417	230 lpm Diesel SURPLUS foam pump
16781	270 lpm Electric SURPLUS foam pump	14057	270 lpm Diesel SURPLUS foam pump
15356	370 lpm Electric SURPLUS foam pump	13302	370 lpm Diesel SURPLUS foam pump
14896	450 lpm Electric SURPLUS foam pump	15794	450 lpm Diesel SURPLUS foam pump
14348	720 lpm Electric SURPLUS foam pump	12259	720 lpm Diesel SURPLUS foam pump



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