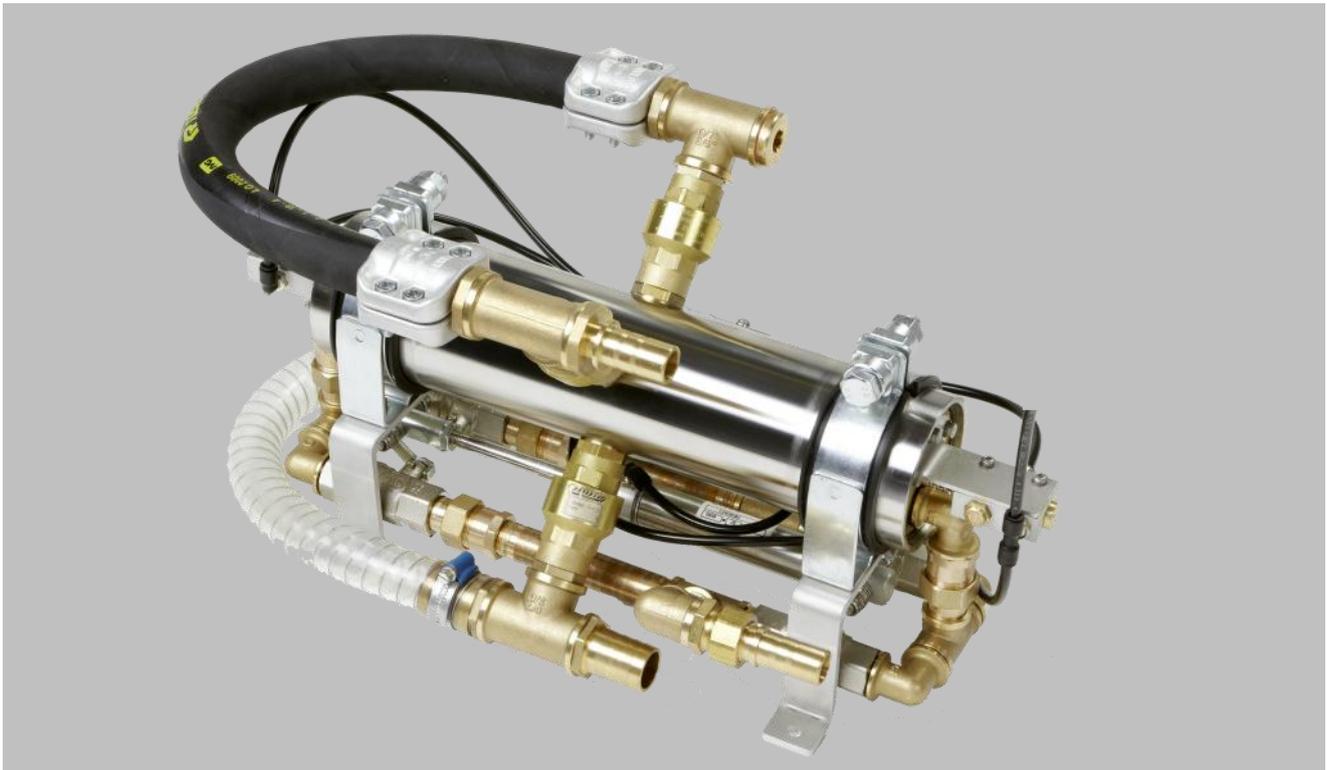


AQUAMATIC24

Direct injection foam proportioning system



Description

The AQUAMATIC24 is a water driven double-piston pump with a maximum foam supply of 24 lpm (6,34gpm) . One venturi proportioner with individual foam percentage adjustment is mounted per foam outlet. The water driven foam pump regulates itself - the right amount of foam concentrate is supplied all the time. This easy direct-injection foam proportioning system is applicable for normal- as well as for high- pressure.

Benefits

Multiple field of operation

- individual adjustment of the proportioning rate per outlet
- possibility to extinguish with foam and cool with water at the same time
- system is available alternatively for normal- and high- pressure

Easiest operation

- no priming pump necessary
- adjustment of the proportioning rate directly on the outlets and alternatively on the LCS2.0 display (at Rosenbauer truck)

Maintenance friendly

- no drive engine for the foam pump
- no electronic necessary
- no greasing points

No foam concentrate in the water pump

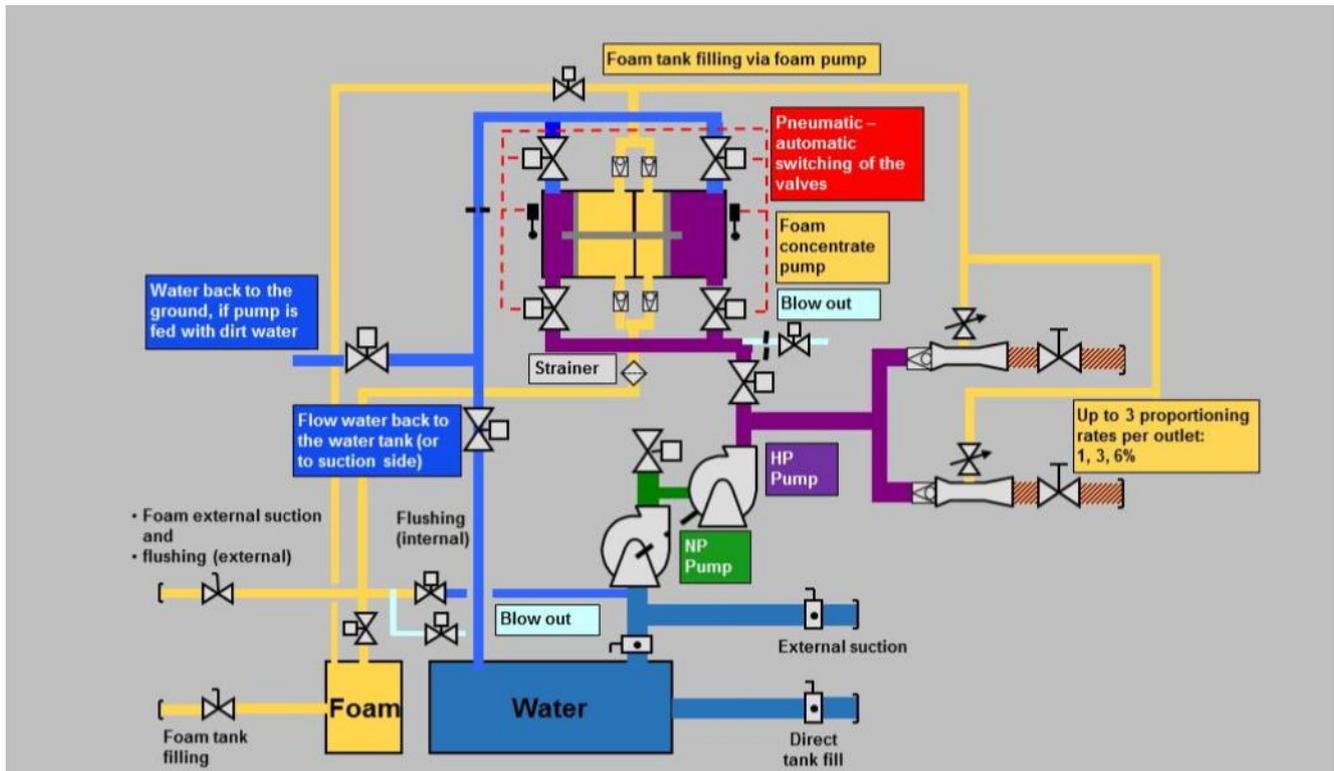
External suction is possible

Possibility to fill the foam tank

- no additional foam filling pump necessary.

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Schemata of the AQUAMATIC 24 unit: The foam pump is driven by the drive water of the pump (NP or HP). The foam concentrate is added directly on the outlets with venturi proportioners.

Technical Data

Pump type	double-piston foam pump
Material	stainless steel, brass, hoses
Drive	water driven (directly from the water pump)
Performance	24 lpm (6,34 gpm)
Foam injection	via venturi proportioners on the outlets
Regulation	regulates itself (foam concentrate pressure is always the same like the water pressure)
Foam proportioner	2" for normal pressure (200 - 800 lpm (52 - 210 gpm)); 1.5" for normal pressure (100 - 400 lpm (26 - 105 gpm)); 1" for high pressure (100 - 400 lpm (26 - 105 gpm))
Proportioning rate	normal pressure: stepless from 0,5 to 3%; high pressure: 3 proportioning rates: 1, 3, 6%
Adjustment of the proportioning rates	manual directly on the outlet or via LCS2.0 display (at Rosenbauer truck)
Usability	for foam concentrate up to a viscosity of 150 cSt (higher viscose foam concentrates on request)

NP: normal pressure; HP: high pressure; FC: foam concentrate

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