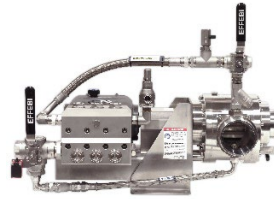



BALANCE PRESSURE PROPORTIONER VS. FIREMIKS



BALANCE PRESSURE PROPORTIONER	FIREMIKS
A system that relies on creating a sensitive pressure balance.	A simple flow system with no need to create a pressure balance.
Requires an electric drive and an electric panel control.	Does not require any electricity or other external energy; FIREMIKS is driven solely by the water flow.
Needs a separate proportioner/ratio foam controller to define the admixture.	Only the FIREMIKS itself is necessary to produce the correct dosing rate.
Several valves and items are necessary to create the pressure balance, such as pressure control valves, pressure gauges, and internal piping.	No need for additional items to create a pressure balance; just the flow from the extinguishing water is needed.
Commissioning can be complicated due to the need to calibrate the pressure balance in the system.	Very easy start-up with no calibration necessary. FIREMIKS does not use additional control loops that need fine-tuning or that can oscillate.
Unused foam concentrate is constantly recirculated back to the foam tank, which may agitate the concentrate.	No recirculation of foam concentrate is needed.
Maintenance can be time-consuming due to the complicated layout of pipes and valves.	Very little maintenance is necessary. FIREMIKS has a simple layout and is easy to understand.
It is not possible to test the proportioning without consuming and filling the system with concentrate.	With optional Dosing/Return valve (DRV), it is easy to test the proportioning without consuming concentrate, resulting in large cost savings and environmental benefits.
Proportioning is sensitive for different viscosities; calibration is needed if viscosity changes.	Nominated by FM approval as Variable Viscosity Pump Proportioner , i.e. can handle concentrates with viscosity from 1 cP up to non-Newtonian 5000-6000 cP (at shear rate 1/s), without any calibration.

FIREMIKS® is a registered trademark owned by Firemiks AB in Sweden.

We reserve the right to make changes in the specifications without prior notice. Production is made according to

European Directive 2006/42/EC and conforms to applicable parts of NFPA 11 and NFPA 1901. 



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ISO 9001 Certified by Bureau Veritas