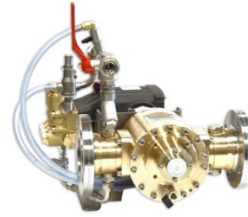




TURBINE IN-LINE PROPORTIONER VS. FIREMIKS



Turbine In-line Proportioner	FIREMIKS
Uses an open turbine-type water motor. The volume per revolution varies with changes in pressure and flow.	FIREMIKS employs a closed, volumetric water motor design. This ensures a stable volume per revolution, even when pressure and flow fluctuate, and can also serve as a flow meter.
Makes the dosing ratio between the foam pump and water motor more sensitive to pressure and flow fluctuations, resulting in a lower safety margin.	The tight displacement design of FIREMIKS ensures greater stability in the dosing ratio, offering a higher safety margin in the system.
Typically operates within a pressure range of 5 to 10 bar.	Can operate at a wider pressure range: Gear pump models: 2 to 12 bar, Piston pump models: 2 to 16 bar.
Generally, supports a limited flow range with a ratio of less than 1:2, often constrained to a narrow window (e.g., 3,000 to 5,000 liters per minute).	Provides a broader flow range, with ratios from 1:2 up to 1:15, depending on the model, pump type, and concentrate used.
Is designed for fixed installations only.	FIREMIKS is available for both fixed and mobile use.
Offers dosing rates of either 1% or 3%.	Supports more versatile dosing options, including 0.5%, 1%, 2%, 3%, or 6%. Custom dosing rates are also available upon request, with configurations such as 1-2-3%.
It comes with flange-only water motor connections.	Offers flexible connection options, including flanges, threads, cut grooves, or any other type as specified by the customer.
Is available in materials such as bronze, AISI316L stainless steel, titanium, or other specified options.	FIREMIKS water motors are made of PTFE-coated, hard-anodized aluminum (6082), with optional materials including N-Al bronze and ASTM 316L stainless steel. Custom materials are also available upon request.
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 as Variable Viscosity Pump Proportioner and can handle concentrates with viscosity from 1 cP up to non-Newtonian 5000-6000 cP 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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