


Comparison between Turbine In-line Proportioners and FIREMIKS®-system.



Turbine In-line Proportioner	FIREMIKS®-system
The water motor is of an open turbine type and the volume/revolution in the water motor differs with fluctuations in pressure and flow.	The water motor is of a tight displacement type = volumetric type. This makes the volume/revolution stable even with fluctuations in pressure and flow. (In practice it can be used as a flow meter.)
The open turbine type makes the ratio foam pump/water motor (i.e. the dosing rate) sensible for fluctuations in pressure and flow. This gives less safe margin in a system.	The tight displacement type makes the ratio foam pump/water motor (i.e. the dosing rate) more stable against fluctuations in pressure and flow. This gives a better safe margin in a system.
Working pressure range normally 5-10 bar.	Working pressure range 2 – 12 bar.
Flow ratio (min-max flow) normally > 1:2 For example 4.000 – 6.500 lpm	Flow ratio (min-max flow) 1:5 For example 1.200 – 6.000 lpm
Type: Fixed	Types: Fixed, Mobile.
Dosing alternatives: either 1 % or 3 %.	Dosing alternatives: Either 1 %, 2%, 3 % or 6 %. Selectable 3 % / 6 %, 1% / 3% for ex.
Water motor connections; only flanges.	Water motor connections in customer's choice; for example flanges, threads, cut groove or any other type can be specified.
Made in Bronze, AISI316, Titanium, or other specified materials.	Made in PTFE-coated and hard-anodized Aluminum, Bronze, or other specified materials.

Disclaimer: The information in this document is based on our knowledge for the time being. For updated information please check with manufacturers directly.

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. 