



IN-LINE INDUCTOR VS. FIREMIKS



IN-LINE INDUCTOR	FIREMIKS
Dosing is achieved through pressure loss. The unit only works properly at a specific flow and pressure, for example, 400 Lpm at 5 Bar.	Dosing is achieved through the energy of the water flow. The unit works within a wide pressure and flow range, for example, 500 – 2,400 Lpm and 2 – 16 Bar.
There are always high-pressure losses, typically around 30–40%. For example, inlet pressure 8 Bar, outlet pressure 5 Bar = 3 Bar pressure loss.	Lower pressure losses compared to the inductor. Typically, 0.3 – 2 Bar (min-max flow). This results in a longer throw length of foam.
You will need one inductor for every foam nozzle.	One FIREMIKS can supply several foam nozzles (even different types and at different levels) simultaneously with the correct water/foam solution.
Initial start-up can be complicated as several parameters need to be considered, such as hose length, flow, and pressure at the pump.	Very easy start-up. Just open the water flow, and FIREMIKS immediately starts providing the correct admixture
Firefighters are dependent on each other; if someone opens or closes a nozzle, it affects the pressure and flow in the system, which may cause the inductor to stop sucking the foam liquid.	Firefighters can work independently of each other, as opening and closing nozzles do not affect the admixture from FIREMIKS.
The inductor only works well with predefined hose lengths and diameters.	With FIREMIKS, you can easily add or shorten hose lengths and change hose diameters without any issues.
It is difficult to maintain the correct admixture; it can often be too high, leading to unnecessary and costly misuse of foam liquid.	The admixture is very stable within the given tolerances, providing a cost-effective and efficient use of foam liquid.
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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