

FM-APPROVED WATER DRIVEN VOLUMETRIC PUMP PROPORTIONERS

Reliable dosing of concentrates for Firefighting

FIREMIKS has received FM approval (PR461525) for class 5139, (Approval standard: 5130 - May 2021) for eight models, in three flow sizes: 1800, 2400 and 4000 lpm with 3% dosing rate.

This approval covers both units with water motor in Hard-anodized Alu and with motors in Ni-Al Bronze.

FIREMIKS water driven volumetric pump proportioners are nominated by FM as Variable Viscosity Pump Proportioners, meaning they are giving correct dosing rate and handling concentrates from 1 cP up to high viscosity concentrates (6422 cP at 20 degree C and shear rate 5 1/s), i.e. suitable for most of the new SFFF concentrates.

🗸 EASY TO INSTALL

FM

APPROVED

FIREMIK

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Compact dosing system, no need for pressure tank or additional energy supply.

easy to operate

Reliable mechanical proportioner, driven by the water flow only, no need for pressure balancing.

< EASY TO TEST

Economical and environmentally beneficial testing with optional Dosing/Return valve (DRV) and two separate flow meters.





FM-APPROVED LINE OF FIREMIKS®

FIREMIKS OFFERS EIGHT FM-APPROVED MODELS IN THREE FLOW SIZES

The following models are FM-approved: 1800-3-PP-F-FA-ALU and 1800-3-PP-F-BRZ 1800-3-PP-F-FA-ALU-SS and 1800-3-PP-F-BRZ-SS (both with optional SS 316 L Pump head).

2400-3-PP-F-FA-ALU and 2400-3-PP-F-FA-BRZ

4000-3-PP-F-FA-ALU and 4000-3-PP-F-FA-BRZ

ALU = Water motor in Hard-anodized and PTFE-coated aluminium BRZ = Water motor in Nickel-aluminium Bronze

DOSING/RETURN VALVE (DRV)

On all models above we offer the FM-approved option **Dosing/Return valve (DRV)**, a valve for returning the concentrate to the tank, for easy and quick checking of dosing rate, without consuming concentrate and without generating water/foam solution. Including **Pressure relief valve (PRV)** set at 20 bar to avoid over-pressure, in case the return line is blocked for discharge for any reason.

We may also offer as an option a complete **Dosing Rate Test system** according to applicable parts of EN 13565-1, NFPA 11, FM 5130.

PARALLEL INSTALLATIONS FOR LARGER FLOWS

To achieve larger flows, for example 8000 lpm, we can offer 2 x FIREMIKS 4000-3-PP-FA, parallel installed on a base skid or mounted as "double-deckers".

SUITABLE FOR A WIDE VARIETY OF CONCENTRATES

FIREMIKS water driven volumetric pump proportioners are nominated by FM as Variable Viscosity Pump Proportioners.

All our FM-approved models are giving correct dosing rate and are handling concentrates from 1 cP up to high viscosity concentrates, (6422 cP at 20 degree C and shear rate 5 1/s), i.e. they are suitable for most of the new more viscous Fluor-free concentrates (SFFF).

Distributor:







FM APPROVED	Certificate of Compliance In cutture inter to enforce Fredghing Four Concentrate Propertioning Pump FIEMENE Value Vascity Pump Appendixes Date: 1000-111 1000-577-414, 1000-577-4144, 1000-577-4144, 1000-577-4144, 2000-500-500-500-500-500-500-500-500-500
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	Approval Identification: PR461325 Approval Grannel: 28 August 2024 To work the availability of the Approval product, constraining Storellance Audits, and inter conformity to the sendperture automation automatic the Approval Carlos, and out encourted FM Approval.
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