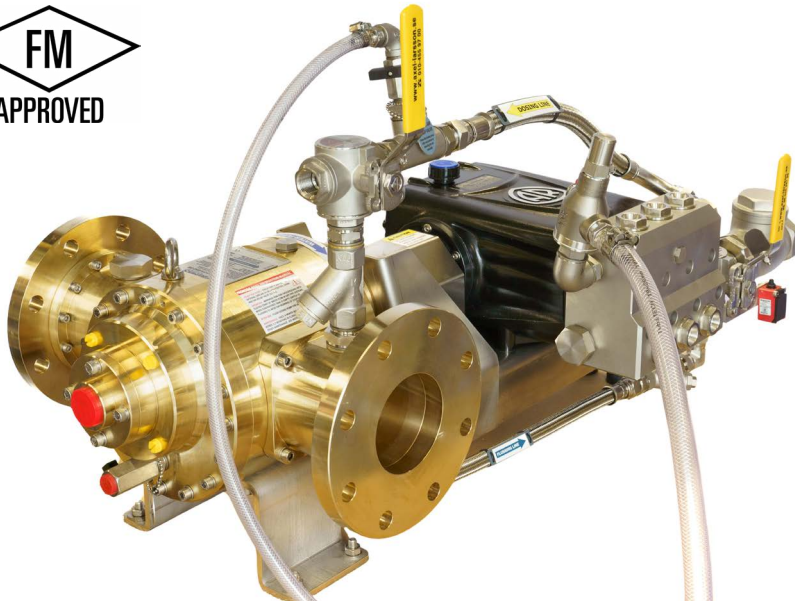


FM-APPROVED WATER DRIVEN VOLUMETRIC PUMP PROPORTIONERS

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

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.



Industrial - Sprinkler



Fire brigades - Fire trucks



Marine - Offshore

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:

