

## GUIDE TO CHOOSING YOUR FIREMIKS

The following list is a guide which will assist you defining your specifications. Please fill in the appropriate answers/comments to the extent possible. If such information is not available, please leave the field blank. Based on the information provided, we will offer the optimum FIREMIKS model for your particular needs.

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| Please describe first generally in what circumstances your inquired FIREMIKS-unit(s) will be installed/used: |  |  |
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| Unit configuration points   | Factors to consider  | Answers/Comments |
|---|--|------------------|
| 1. Freshwater or saltwater as driving medium of the water motor. Note! Clean water is imperative. | <i>Freshwater:</i> Water motor in hard-anodized aluminium with PTFE coating.<br><i>Saltwater:</i> Water motor in Bronze.   |                  |
| 2. System flow range  | Provide max. and min. flow in litres per minute (lpm). Or provide target flow, e.g deluge system with only one steady flow. Note! Parallel installation of several FIREMIKS-units is possible.   |                  |
| 3. Dry or wet pipe  | Please state if the FIREMIKS unit is installed in a system filled with water (wet) or if the unit remains empty until activation of the system (dry).  |                  |
| 4. Working pressure range   | State max. and min. working pressure in bar, or provide target pressure, e.g deluge system, at the inlet of the FIREMIKS. Also please state if the pressure drop over the unit is a crucial factor. In such cases, a larger size of the water motor can be chosen to decrease the pressure drop. (For normal pressure drop please consult corresponding data sheet.) |                  |
| 5. System pressure  | State in bar the maximum system pressure.  |                  |
| 6. Type of concentrate  | State type of concentrate, viscosity, Newtonian/Non-Newtonian. If possible please provide the data sheet from the supplier.  |                  |
| 7. Dosing of concentrate  | State dosing rate in % and if there is a need for selectable dosing rate. We recommend concentrates with dosing rate of 3% and below. Also state if it is gravity feed or if suction of concentrate is needed. Generally speaking,   |                  |

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|  | gravity feed is recommended on Gear pumps units and is a requirement on Piston pump units.   |  |
| <b>8. Selection of Gear pump (- GP) or Piston pump (-PP)</b> | <b>From the information above in section 2-6 we can recommend the most suitable type of pump.</b>  |  |
| 9. Optional – Dosing return valve                            | The FIREMIKS unit can be supplied with a dosing return valve when there is a need for testing the system without consuming extinguishing media. Return the concentrate back to the extinguishing media tank during a test. This gives a substantial saving of costs during many years. Apart from no need of concentrate there is no cost for cleaning up and destruction of the solution after the test, which is an important environmental benefit if choosing this option. |  |
| 10. Optional – Installation/ Mobility                        | Possible options: Vertical installation, different kinds of couplings/flanges, bottom bracket, carrying handle, protective frame, wheels, automatic air relief valve (manual air relief valve is standard), separate suction pipe, hand pulled cart, trailer.  |  |
| 11. Optional – Spare parts                                   | Packages of Recommended spare parts are available for all models.  |  |
| 12. Optional – Other   | E.g. Reverse flow direction, extra selector valve and/or clap valve for the suction pipe, unit adapted to high ambient temperatures, iso5211 interface for valves, water filter to be placed before FIREMIKS, etc.   |  |
| 13. Documentation – Delivery                                 | Test protocol, CE-certificate. Optional: material specification EN 10204   |  |
| 14. Documentation – Third party certification                | Each unit can be inspected by third parties such as DNV, BV, etc.  |  |

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| Company:                    |  |
| Contact person:             |  |
| Mail address, Phone number: |  |
| Your ref:                   |  |
| Date of review:             |  |

Please send this list to [info@firemiks.com](mailto:info@firemiks.com). Feel free to contact us also for any questions!