

ULTRA-HIGH PRESSURE

SIDEWINDER® EXM UHP

More Power. Less Water

The first Ultra-High Pressure monitor, Elkhart's 7161 Sidewinder EXM UHP monitor has been designed and developed to meet U.S. Air Force specifications, and is now being offered for all other UHP needs; including Aircraft Rescue & Fire Fighting (ARFF) and other water conservation applications.



1500 PSI



Absolute Position Sensors



Extreme Torque Motors



Axially Aligned Thrust Bearings



EXM Operation



Proportional Speed Controls



**USES SIGNIFICANTLY LESS WATER AND FOAM,
WITH UP TO 90% WATER EFFICIENCY.**

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By changing the molecular structure of water, UHP systems have increased cooling capabilities by dispersing a much larger thermal area. This is due to significantly smaller water droplet size that use up to 90% of the droplet, rather than traditional low pressure droplets that only use 10-20% before the remainder falls to the ground. This allows UHP systems to require significantly less water and foam than traditional systems.

The EXM system used to control the Sidewinder EXM UHP is a digital communication network that uses CAN bus J1939 communication. EXM is set up for hardwire or remote communication, and allows the builder to easily expand and configure the system at any time. The EXM system also includes many ease of use operations such as user programmable 3D Travel Limits, Keep-Out Zones, Travel Speeds, Stow Position, Monitor Oscillation, and more.

Sidewinder EXM UHP Specifications:

- Model 7161
- Max Flow 300 GPM (1136 LPM)
- Max Pressure 1500 PSI (104 BAR)
- Inlet 2.5" NPT
- Outlet 1.5" NHT
- Travel V: -45° to +90°
H: L90° to R90°
- Communication CAN bus J1939
2.4 Ghz RF (unlicensed)
- Environmental Rating NEMA 4 (IP 65)
- Weight 27 lbs. (12.3 Kg.)

