NAVIGATOR™ PRO CONTROL SYSTEM
Technology You Can Trust

Used Exclusively with Akron’s Legendary Swing-Out™ Valves
There is no margin for error when it comes to pump operations. Getting water to your crew is critical. The Navigator Pro Control System was designed to work together for optimal performance, every time. The complete package electrically controls your apparatus valves directing the flow of water safely and efficiently. Maximize every cubic inch of space on your fire truck with the system’s space-saving design while taking the guesswork out of managing your water flow.

Technology solutions you can trust.

Firefighter Safety
✓ Proven reliability and uptime
✓ Accuracy of valve position, pressures and flows
✓ Less components mean less failure
✓ Faster response time

Operator Effectiveness
✓ Easier to operate than traditional levers
✓ Intuitive functionality to command pump operations
✓ Programmable for one-touch execution
✓ Flexibility of having multiple control locations around the truck
✓ System automation reduces complexity and manual operation

Space-Saving Combination
✓ Maximizes space on the pump panel
✓ Provides alternate pump locations
✓ Versatile plumbing configurations
✓ Service and maintenance advantages
Navigator™ Pro 2.0 Valve Controllers

Styles 9333, 9335 and 9327

The Navigator Pro 2.0 Valve Controllers are packed with user-friendly features for an effective, efficient and safe operation on the fireground. With three styles to choose from, the Navigators can be used as a basic controller or installed as an integrated controller with a pressure and flow sensor, CAFS control and true position feedback with presets. Take full command of your pump panel with the Navigator Pro’s intuitive design and functionality. All valve controllers are NFPA compliant.

- Large, bright, full-color LCD display
- Pressure display configured in psi, kpa or bar
- Real-time, true position feedback from valve
- User programmable presets for one-touch, custom utilization
- Custom calibration of flow sensor
- Totalizer function calculates volume of water flowed
- Small size maximizes pump panel space
- Measuring only 4" H x 4" W
- Auto-Dim option with adjustable brightness
- Flow display configured in gpm or lpm
- Percentage open text can be turned on or off
- Auto open option
- Menu for setup, calibration, and diagnostics
- Fully sealed, water tight enclosure

Tech Corner

- 4" H x 4" W x 1.75" D (0.7" above surface)
- Operating Temperature: -40°C - 70°C (-40° - 158°F)
- Storage Temperature: -40°C - 85°C (-40° - 185°F)
- Ingress Protection: IP66 equivalent
- UV tested
- Mechanical / Environmental Testing: humidity, thermal shock, thermal cycle, mechanical shock & vibration, chemical exposure and salt fog tested
- Electrical Testing: reverse polarity, ESD & conducted transients, RF emissions and immunity
- J1939 CAN networked
Generation II Swing-Out™ Valve Electric Actuator

**Styles 8615, 8620, 8625, 8630, 8635, 8915, 8920, 8925, 8930, 8935**

Rugged, accurate and reliable, the Generation II Electric Actuator was specifically designed to work with Navigator Pro 2.0 Controllers and Swing-Out Apparatus Valves. The electric actuator features manual overrides from two sides and is equipped with a magnet in the trunnion for accurate position feedback. The actuator’s compact size means more space in the pump house; allowing versatile plumbing configurations, easier installation of valves and is more accessible for maintenance. Akron’s electric actuator is the smallest and lightest in the market. Available on 1.5” to 3.5” Swing-Out Valves.

- **Accurate, true position feedback** requiring no clutches in motor
- **Integrated electronics for pressure, flow and CAFS**
- **Dual manual overrides**
- **Deutsch connectors**
- **Low current draw**
- **Fully sealed electronics**
- **Dual manual overrides**
- **Preset speed for opening and closing valve meets NFPA 1901**
- **Wide range of available adapters**
- **Stainless steel or high performance polymer ball**
- **Made in the USA**

**Tech Corner**

- 4” H x 7” W x 7” D
- Weight: 5.5 lbs.
- Volume: 143.8 in³
- Gear drive ratio: 16:1
- Ingress protection: IP66 equivalent
- Manual override on two sides
- Patent-pending
- 5-year warranty, electric actuator
- 10-year warranty, Swing-Out valves

**Optional Handwheel Kit** attaches to either side

**Electric Actuator** for 4” - 8” Valves

**Style 8625 Heavy-Duty Swing-Out Valve with Electric Actuator**
Navigator™ Pro Control System

Installation Flexibility

Networked Installation

USB port for simple software update

Integrated Deutsch connector CAN network standard

One-to-One Installation

Auto Mode

Manual Mode

Easy Ordering

Choose Your Valve with Electric Actuator

Choose Your Navigator Pro 2.0 Controller

Select Your Wiring Harness

Add Flow & Pressure Sensors as Required

- Represents one-to-one configuration
- Addition of flow & pressure sensors require use of a 9335 controller
- Refer to the Swing-Out Valve Guide and Navigator Pro 2.0 Order Form for further ordering information
- SAM™ Control System can be added to manage your truck's pump, tank, intake and discharge valves for a totally integrated water control solution. Visit samflows.com to learn more