

# NAVIGATOR™ PRO CONTROL SYSTEM

Technology You Can Trust



*Used Exclusively with Akron's  
Legendary Swing-Out™ Valves*

# Navigator™ Pro Control System

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



Style 8625 Heavy-Duty Swing-Out Valve with Electric Actuator



SAM Wireless Tablet Control



Style 9327 Mini Navigator Pro Valve Control



Style 9333 Navigator Pro Valve Control



Style 9335 Navigator Pro Valve Control with Pressure and Flow

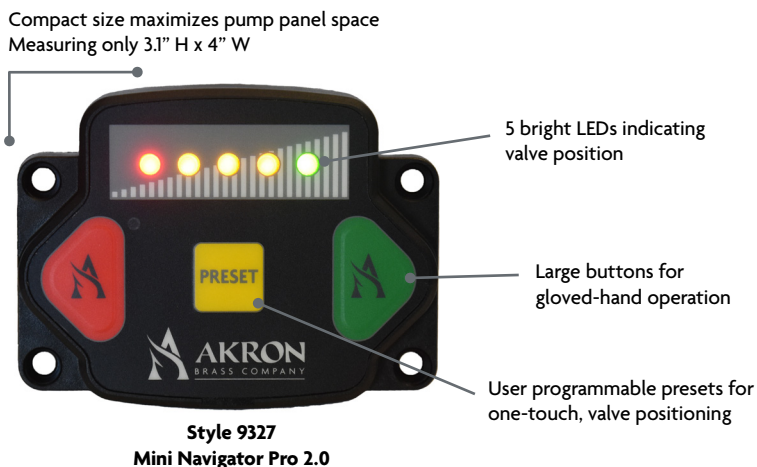
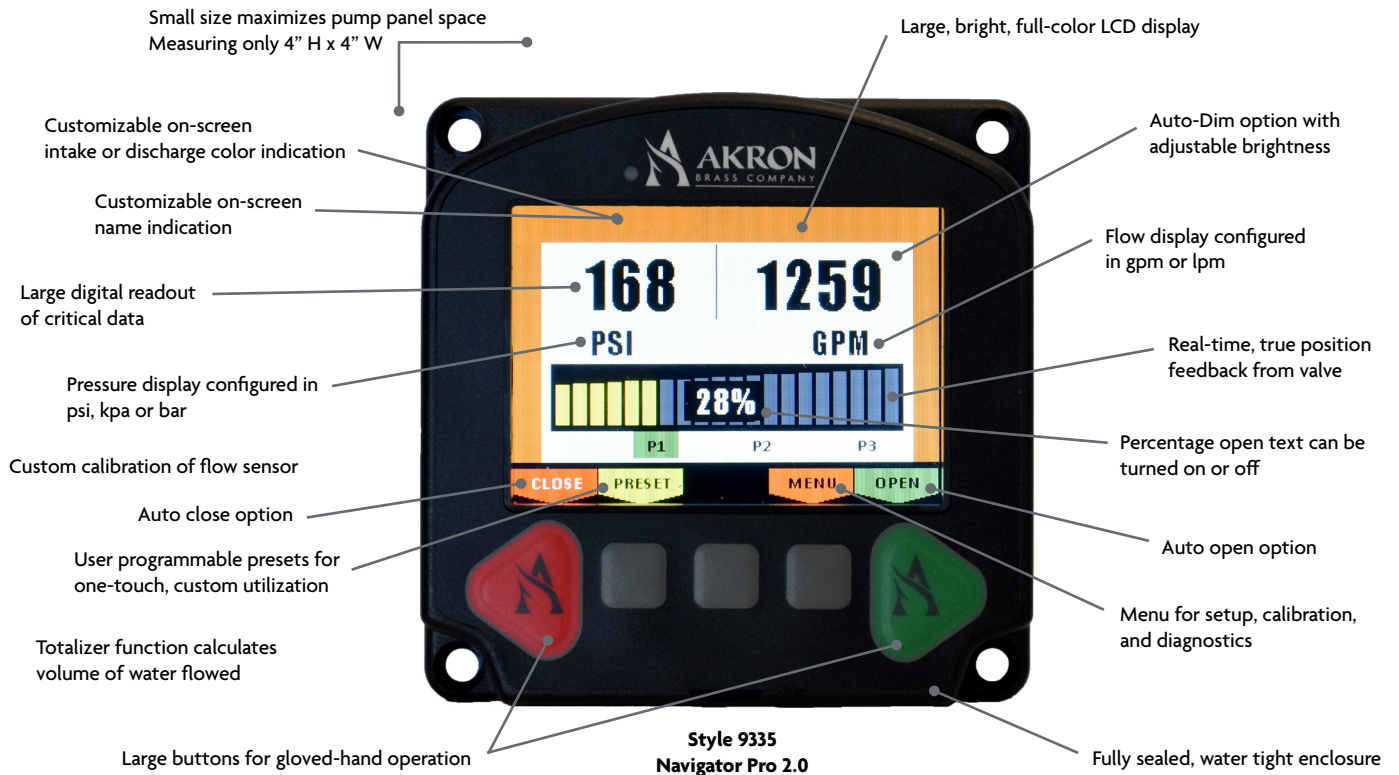


Optional SAM™ Control System Total Management of Water Flow

# 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.



### Tech Corner

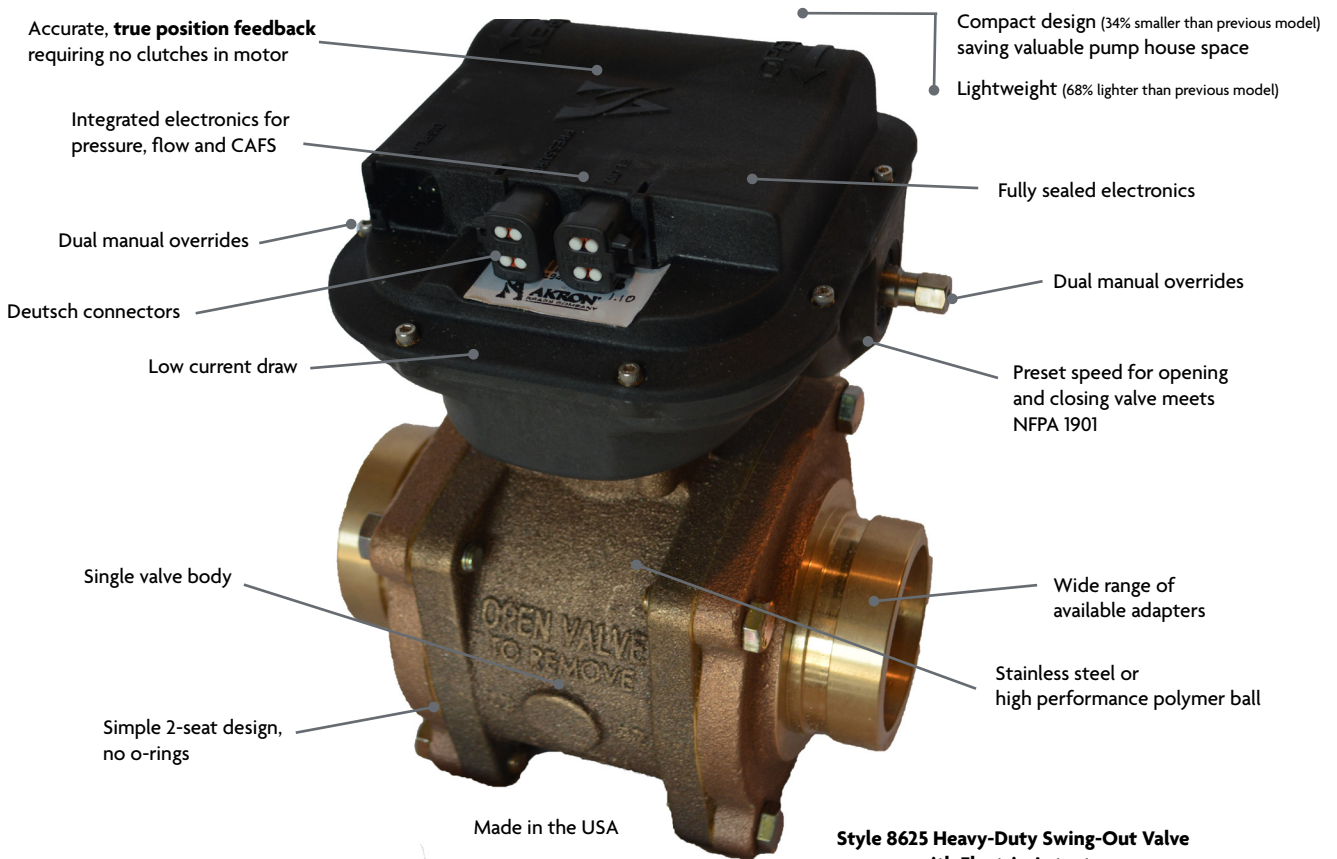
- 4" H x 4" W x 1.75" D (0.7" above surface)
- Operating Temperature: -40°C - 70°C (-40° - 158°F)
- Storage Temperature: -40°C - 85°C (-40° - 185°F)
- Ingress Protection: IP66 equivalent
- UV tested
- Mechanical / Environmental Testing: humidity, thermal shock, thermal cycle, mechanical shock & vibration, 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

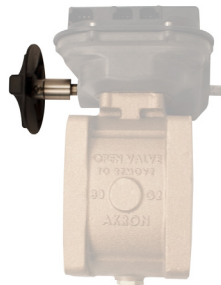
## Styles 8615, 8620, 8625, 8630, 8635, 8915, 8920, 8925, 8930, 8935

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.



### Tech Corner

- 4" H x 7" W x 7" D
- Weight: 5.5 lbs.
- Volume: 143.8 in<sup>3</sup>
- 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

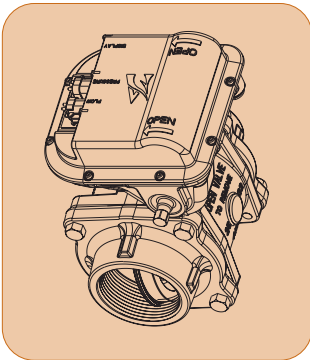
# Navigator™ Pro Control System

## Installation Flexibility

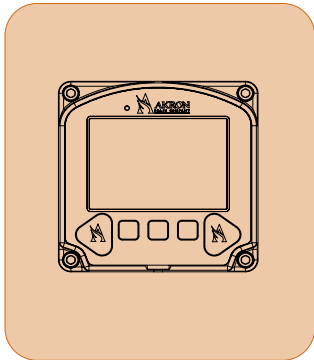


## Easy Ordering

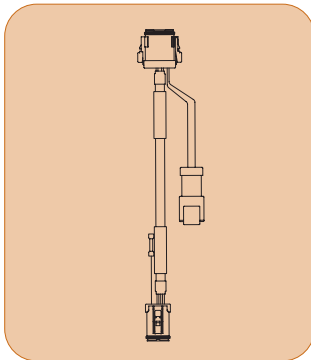
Choose Your Valve  
with Electric Actuator



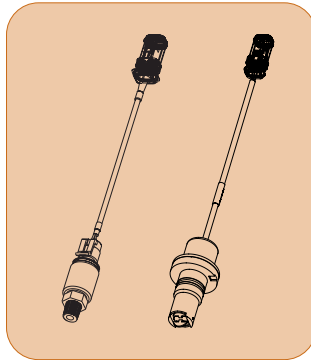
Choose Your  
Navigator Pro 2.0 Controller



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](http://samflows.com) to learn more



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