



COMBINED PERFORMANCE



**AUTOMATED
TANK MANIFOLD**

Through automation and intelligent algorithms, our patented manifolds can oversee, direct, combine, halt, and control entire water operations with multiple incoming water sources to on-site water tanks and storage.*

OVERVIEW

Select Energy Services' Automated Tank Manifold was developed to streamline on-site water management during high intensity frac operations. WaterONE Automated Tank Manifolds provide operators with complete control to manage fluid levels, capacity, blends, and pressure to storage tanks. Each is equipped with WaterONE automation to help prevent tank draw down and overflows with alerts to notify equipment operators. An on-board command center data and AquaView® interface capture data to provide real-time visibility to verify water assets are performing safely and accurately .

BENEFITS

MAINTAIN CRITICAL WATER LEVELS

Tanks levels are automatically regulated using level sensors and valves that continually manage tank level thresholds. Air actuated valves allow simultaneous valve closure for maximum control.

WATERONE™ AUTOMATION

Process control algorithms provide true automation, not remote control with human intervention. Valve adjustments on the manifold trigger WaterONE pumps to automatically adjust the throttle to maintain tank levels and line pressure.

LAST LINE OF DEFENSE

On-board sensors provide an added check for treatment operations using produced water to verify water quality as well as central point to manage multiple water sources.

INCREASED SAFETY

Reduces slip, trip, and fall hazards associated with operators visibly inspecting water levels from the top of frac tanks.

PATENTED* DESIGN

Supports high-rate frac water transfer services composed of multiple water sources. Handles, treats, combines, and halts the flow of water to tanks and storage. *U.S. Patent No. 9,963,96

FIELD WIDE DATA ANALYSIS

Through WaterOne's global SCADA system, captured data enables operators to ensure water transfer operations are continually tracked, reviewed, and optimized.



FEATURES

- Enables critical water storage and movement on location
- Climate controlled Command Center monitors and controls up to 20 tanks
- Simultaneous valve closure for maximum control
- On-board touchscreen PLC for local control
- Real-time visibility via AquaView® interface
- Customizable alert protocol sends communications based on urgency



TECHNICAL SPECIFICATIONS

Tank Control	10 or 20 tanks
Footprint	8' x 32' or 8' x 43'
Power Requirement	220 VAC
Working Pressure	200 psi
Flow Rate	140 bbl/min
Monitoring Capabilities	Tank Levels Flow Rate/Total Water Chemistry Temperature

READY TO SEE WHAT WE CAN DO FOR YOU?

To learn more about our WaterONE Automation services or request a quote, contact your Select Account Representative or visit selectenergyservices.com/contact/