



WATERONE™ BLENDING TECHNOLOGY & EXPERTISE



SELECT
ENERGY SERVICES

**AUTOMATED
PROPORTIONING SYSTEM**

Select Energy Services' Automated Proportioning System (APS) provides a consistent fluid output through automated control of incoming produced, flowback, or freshwater streams. Energy producers rely on the APS to optimize completion fluid chemistry based on a consistent water quality.

OVERVIEW

Select Energy Services' Automated Proportioning System enables energy producers to combine flowback or produced water volumes into a fresh water transfer—producing optimal chemistry for your completions water supply. The APS combines fluids based on operator specifications at rates up to 140 barrels-per-minute. Incorporating impaired water into completion operations allows producers to reduce costs and save time procuring fresh water, while eliminating produced water disposal costs. The self-monitoring system increases personnel utilization while also reducing the chances of human error or recordable safety incidents.

BENEFITS

OPTIMIZED FLUID CHEMISTRY BLEND

The APS automatically adjusts blend and flow rate using automated valves and sensors to reduce flow disruption and maintain desired output blend chemistry.

WATERONE™ AUTOMATION

Valve adjustments on the APS trigger WaterONE pumps to automatically throttle back to maintain the proper blend and reduce pressure on the line.

OPERATE MORE EFFICIENTLY

Select's system allows for efficient water use, requires fewer man-hours, and is far more accurate than a site-built blending system.

COST-EFFECTIVE SOURCING

The APS is a cost-effective solution by reducing the need of procuring fresh water and eliminates the cost of disposing the produced water.

UP TO 140 BARRELS-PER-MINUTE

Combines fluids based on operator specifications at rates up to 140 barrels-per-minute. Incorporating impaired water into completion operations allows producers to save time and money on water logistics.

INTUITIVE INTERFACE

The APS uses an on-site touch screen interface and is fully integrated with Select's AquaView® software suite for real-time remote monitoring and control.

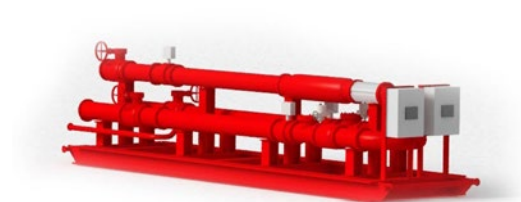
SMALL FOOTPRINT

The system is mounted on an 8' by 27' trailer and does not require a large pad space.



FEATURES

- Heavy duty construction for high-rate on-the-fly blending of fluid sources.
- On-board touchscreen PLC for local control
- In-line low pressure blend chamber
- Manual and automated operational capabilities
- Portable design for easy rig-up and transportation
- Real time data capture and analysis



TECHNICAL SPECIFICATIONS

Working Pressure	500 psi
Footprint	8' x 27'
Power Requirement	120 VAC or Solar
Valve Control	Automated
Flow Rate	140 bbl/min
Monitoring Capabilities	Water Chemistry Flow Rate/Total Blend Ratio 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/