

Automated Distribution Manifold

TAKING THE GUESSWORK OUT OF WATER MANAGEMENT

Overview

Current high volume frac transfer demands require accurate execution when managing rapidly changing volumes of water on location. The more frequent use of produced water blends and higher total dissolved solids waters, make flawless execution a must when it comes to limiting non-productive time and preserving the environment. The TETRA Automated Distribution Manifold makes managing frac water buffer volumes a safe and efficient affair. Our manifold provides real-time computer controlled, tank-level management to ensure supply and prevent tank overflows while providing a safer and less stressful environment for water technicians to supervise and optimize frac water operations.

Features

- Monitors and controls up to ten frac tanks independently
- Can be split into two five-outlet banks to monitor two batteries independently
- Configurable high/low level set points permits customized operations
- Multi-level failsafe configurations ensure safe and efficient operations
- Remote monitoring and control capability
- Data trending and logging

Benefits

- Individual tank level proportional integration derivative (PID) control
- Prevents tank overflow by limiting respective tank water input
- Optimization of storage volume
- Event and alarm notification ensures availability of water
- Protects storage volumes against unplanned events and erratic inlet and outlet rates
- Reduces HSE exposure associated with monitoring frac tank levels

Technical Specifications

Outlets	10 x 6" actuated discharge valves
Tank Monitoring Capability	1 x 10 or 2 x 5 tanks
Footprint	25' long x 68" wide x 78" high
Power Requirement	Pump-powered (120VAC/15amps)

