



FEATURED BRANDS



AFS LIFT STATION PROJECT MAP



SEWAGE LIFT STATION SOLUTIONS



BUILT BY:
R.C. Worst Co.
EXPECT THE BEST FROM RC WORST

AFS & R.C. WORST & CO., AN IDAHO BUSINESS SINCE 1953

WE'VE BEEN BUILDING LIFT STATIONS FOR OVER 30 YEARS

SPOKANE, WASHINGTON
800.359.9416

COEUR d'ALENE, IDAHO
888.809.6778

IDAHO FALLS, IDAHO
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COMPLETE PACKAGE

AFS Packaged Lift Stations are ideally suited for municipal and private applications requiring wastewater or stormwater solutions. Packages include all the necessary components: wet well, pumps, valves, controls and hatches. These pre-fabricated systems ship directly to the site for easy installation and are designed for efficient and reliable operation with low maintenance requirements. The vaults can usually be installed with common excavation equipment, eliminating additional crane costs. Most AFS lift stations are installed in a couple days saving down-time and money.

CUSTOM CONTROLS

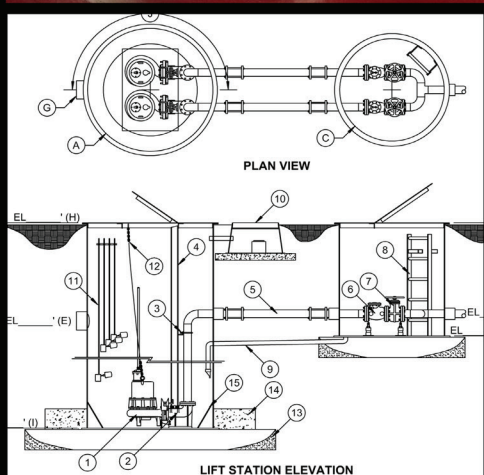
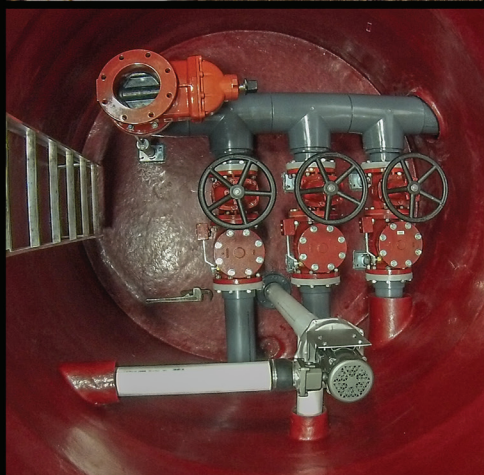
The electrical controls are a huge part of value added lift station design. Automated Flow Systems offers a vast selection of site specific options and configurations. The AFS SL Series controller provides all the necessary components to keep most lift station designs running smoothly, but we understand controls are not one size fits all. Our technicians are dedicated to supplying the ideal controller for each application regardless of customization required. We can assist with the most complex control applications including PLC's, SCADA, VFD's, Radio Telemetry, etc.

FIBERGLASS VAULTS & PIPING OPTIONS

AFS lift stations are assembled in fiberglass vaults. Fiberglass provides a solution to leaking and corroding associated with concrete vaults. Fiberglass also offers many advantages including: light weight, corrosion resistance, and water tightness. We offer vaults in 3 to 12 foot diameters, and depths over 25 feet. AFS vaults come completely pre-assembled making installation quick and easy. If groundwater is present, antifloatation can easily be designed to prevent any issues.

COMPLETE DRAWINGS & SPECIFICATIONS

AFS works closely with design engineers to produce the best lift stations possible. Our consultants have a vast knowledge base designing lift stations for a variety of applications. Our goal is to supply the designer with drawings and specifications exactly matching the needs of their specific project.



FEATURING : HYDROMATIC® HPE SERIES

PREMIUM EFFICIENT SOLIDS HANDLING PUMPS

Runs Cooler, Lasts Longer, Services Easier

EASE of Maintenance/Installation

- Optional quick release cord facilitates faster field service
- Terminal block eliminates wire nuts and crimp connectors
- Maintenance free, permanently lubricated bearings
- Continuous duty rated motor, Class H, VFD rated
- Hazardous location construction
- Optional seal and cord replacements will NOT void FM/CSA Certification

LONGER Pump Life

- Non-Toxic oil filled motor for superior heat transfer and decreased operating temperature
- Seal Leak Detection - True early-warning system, housed in seal chamber to alert of liquid intrusion into outboard seal
- Double-Row Bearings for 50,000 hour life over entire pumping curve
- First submersible pump to utilize shaft grounding ring technology to accommodate high switching rates of newer VFD drives and extends pump life
- Condition Monitoring - optional bearing temperature monitor
- Mechanical Seal Options
 - Type 2100 inboard for durability, less drag & ease of installation
 - Type 2 outboard for a wide range of service conditions
 - Silicon Carbide as standard - Tungsten Carbide as optional
 - Cartridge seals available

AFS®

AUTOMATED FLOW SYSTEMS

