



AQUAFORCE XL™

PUMP STATIONS



BRAQUAFXL R4

 **GOULDS**
WATER TECHNOLOGY
a xylem brand

AQUAFORCE XL

Pump Stations

Introducing **AQUAFORCE XL**, the first of many new packaged booster products and updates for 2014. The XL PLC control architecture commercializes features that are normally seen on industrial PLC packages, including 1-8 pumps, jockey pump applications, ethernet/wireless access/smart phone access, remote monitoring & control, email alarm notifications, data trending, energy logging, 5.7" color touchscreen interface and generator power model. The XL is matched with the AquaForce indoor and outdoor rated drives furnished with individual fused disconnect switches and bypass capability. Controls are station or wall mounted.

• Dynamic flow loss compensation capabilities

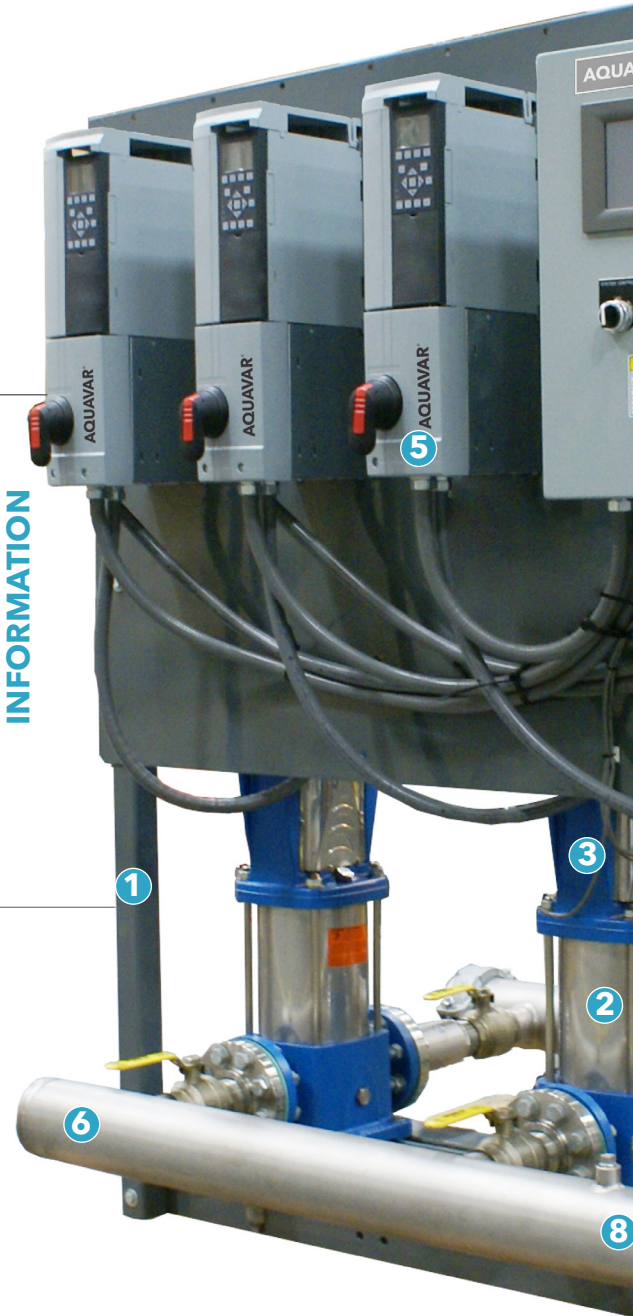
- Full flow/pressure and electrical testing
- Pre-programmed for easy installation and start-up
- Rugged mechanical design with simple layout
- 304 SS manifolds with grooved connections
- Stainless steel vertical multi-stage or end suction pumps
- ANSI/NSF 61/NSF 61, Annex G Certified, File No. 249380
CSA International (Canadian Standards Association)

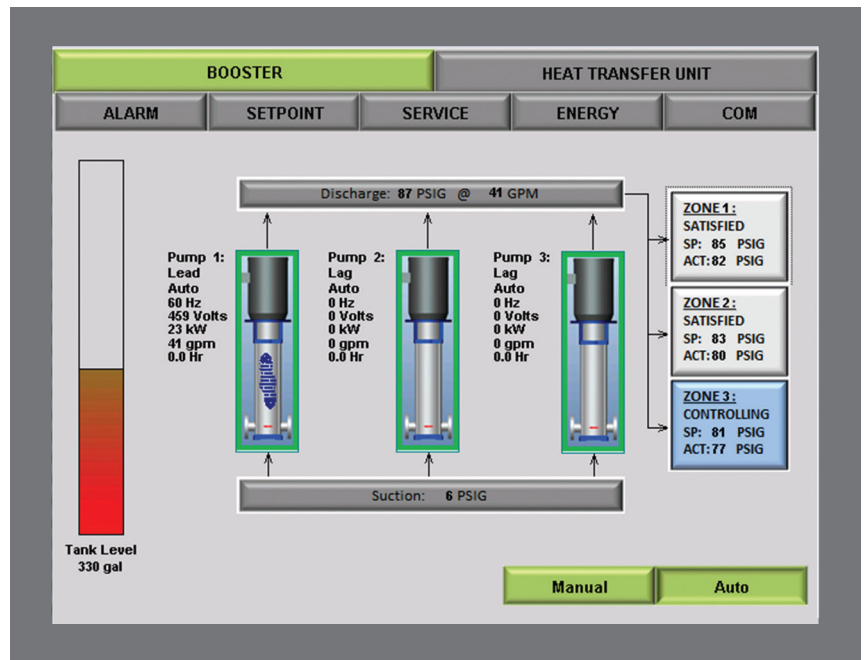


1. Steel Frame and Base
2. Pump - Stainless steel construction, end suction or vertical multi-stage
3. Premium efficient motor - Standard NEMA design, 56C, JM or TC frame
4. System Main Disconnect - NEMA 1 enclosure - AquaForce variable speed pump controller (Optional NEMA 4)
5. Individual Drive Fused Disconnects
6. Grooved Suction Manifold - 304 stainless steel
7. Grooved Discharge Manifold - 304 stainless steel
8. Pressure Gauges - Liquid filled 2-1/2" diameter, bourdon tube type
9. Check Valves - Non-slam, silent type
10. Isolation Valves - Ball or wafer type, low loss

GENERAL
INFORMATION

MAJOR COMPONENTS





AquaForce XL Home Screen

FEATURES THAT MAKE A DIFFERENCE

- **NEW 5.7" touch screen controller interface**
- **Internet connectable for remote monitoring and control**
- All systems are UL/cUL listed as packaged pumping systems
- CentriPro **AQUAVAR** VFD drives
- Compact Footprint - Most systems will fit through a standard 36" x 80" doorway. Ideal for retrofit installations
- Each system is fabricated with Xylem stainless steel centrifugal pumps
- Standard premium efficient ODP or TEFC motors
- System protection:
 - **emergency power modes** - undervoltage
 - **email alarm notifications** - NPSHa
 - overvoltage - cavitation
 - pump run-out protection - blocked suction
 - transducer failure - dry run protection
 - motor current overload - fault detection and alarm relay
 - short circuit
- Ambient temperatures up to 104°F
- Maximum operating pressures up to 300 psi
- Programmable lead /lag alternation, system pressure starting, and soft start
- Motor run relay
- Energy usage trending and data log



Testing and quality control.

From design to fabrication, and assembly to shipping, our systems pass through several quality checkpoints right up to the very moment they leave our facility. Every stage of the manufacturing process must be completed before a system can be released to the customer. To provide further control of product performance, we have two major test areas: the test pit and the booster testing station. Pressure tests are conducted up to 500 PSI to assure system integrity.

Certified to be safe and reliable.

A lot of hard work, experience and knowledge goes into our product. The best tools are equipped and the best processes are in place to ensure that the systems we produce meet the specification and exceed our customer expectation.

Quality, safety and reliable = Peace of Mind.



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