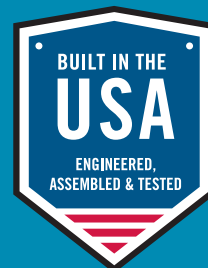




TECHNOFORCE XLS™

PUMP STATIONS



D-604E



Bell & Gossett
a xylem brand

TECHNOFORCE XLS

Pump Stations

Introducing **TECHNOFORCE XLS**, the first of many new ASHRAE 90.1-2010 packaged booster products and updates for 2014. The XLS 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, generator power mode, and sensorless control. The XLS is matched with the **TECHNOLOGIC** indoor and outdoor rated drives furnished with individual fused disconnect switches and bypass capability. Controls are station or wall mounted.

• ASHRAE 90.1-2010 compliant

- 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)



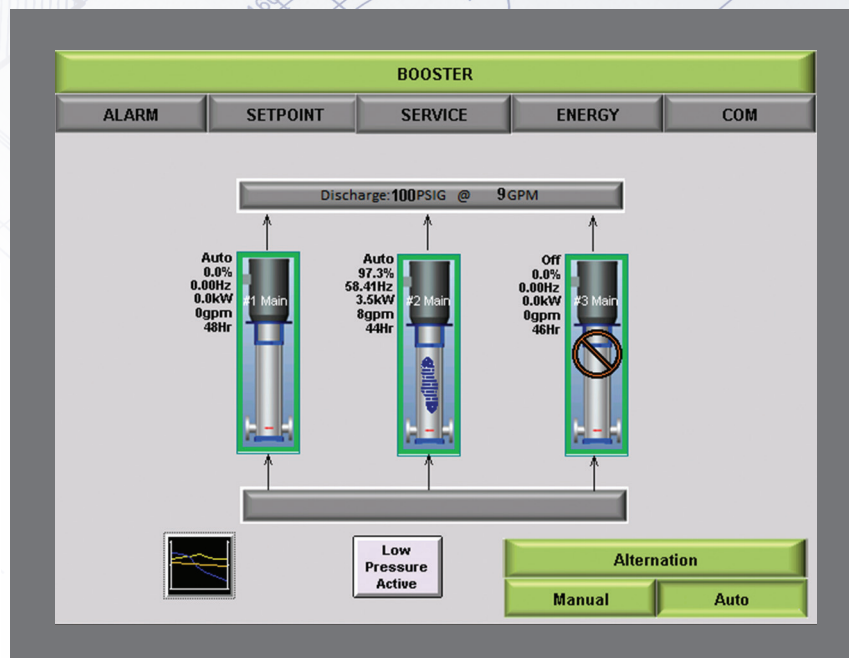
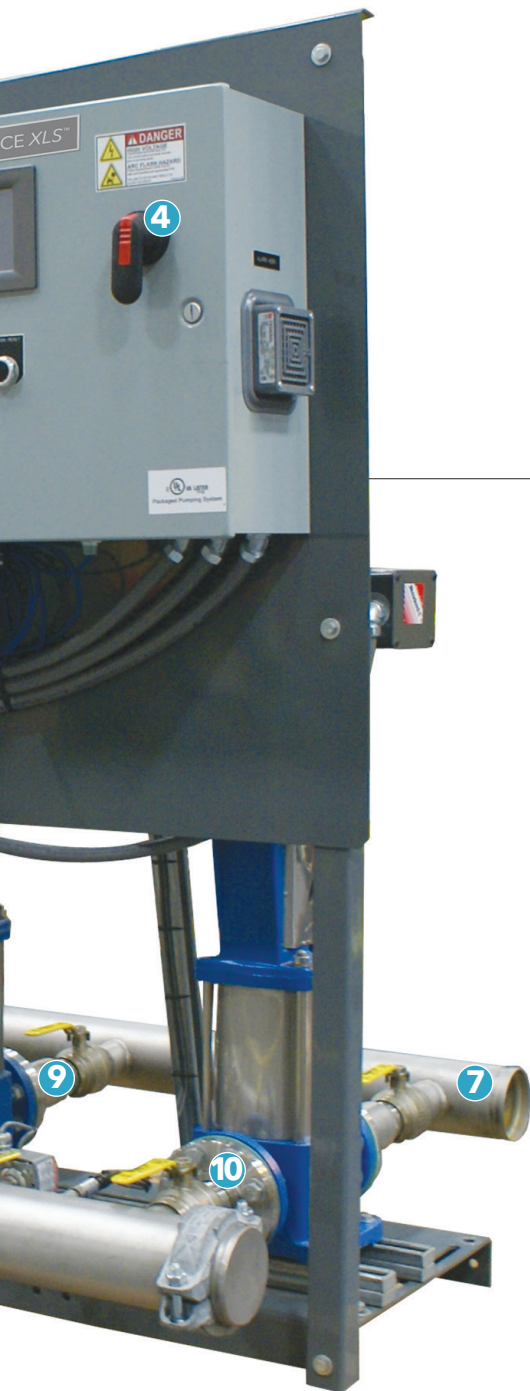
GENERAL
INFORMATION

MAJOR COMPONENTS

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 - TechnoForce 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



NOTE: Specifications / equipment are subject to change without notice. Verify with factory.



Technoforce XLS Home Screen

FEATURES THAT MAKE A DIFFERENCE

- **NEW 5.7" touch screen controller interface**
- **Internet connectable for remote monitoring and control**
- **Sensorless control**
- All systems are UL/cUL listed as packaged pumping systems
- B&G **TECHNOLOGIC** 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 3-Phase ODP or TEFC motors
- System protection:
 - **emergency power modes**
 - **email alarm notifications**
 - overvoltage
 - pump run-out protection
 - transducer failure
 - motor current overload
 - short circuit
 - undervoltage
 - NPSHa
 - cavitation
 - blocked suction
 - dry run protection
 - fault detection and alarm relay
- 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

For complete system capabilities and detailed specifications go to www.bellgossett.com

Trust the name that set the standard in the industry – Xylem Bell & Gossett.

By choosing Xylem as your single-source provider for all your pumps and pumping system needs, you'll have the tools and resources you need to select the most efficient, high-performing system for your project. With more than 100 years of pump, HVAC and plumbing systems experience, Bell & Gossett delivers the knowledge you need to design a complete system that fits your application. And because we're part of Xylem, the largest pump manufacturer in the world, you can feel confident you'll get tough, high performing products you can depend on.

Your local Bell & Gossett Representative is an experienced professional with a wealth of technical expertise. Because they know systems from design to operation, they can give you the advice and support you need to successfully install, operate and maintain your systems.

For more information visit www.bellgossett.com

We value your feedback. Please take our 3 question survey at bellgossett.com/survey to let us know how we are doing.



Xylem Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (844) XYL-PUMP [844-995-7867]
Fax: (888) 322-5877
www.bellgossett.com

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