



TECHNOFORCE™ e-HV PUMP STATIONS



TECHNOFORCE e-HV package booster system from Bell & Gossett

- 2 thru 4 pump configurations
- Up to 780 GPM and 600 feet head
- 208-240/460 TEFC Premium Efficient Motors
- 304SS base and manifolds
- NEMA 12 power disconnect panel
- 5th generation Hydrovar VFD/ pump logic controller
- Multi-master control - Automatic transfer to secondary master when a pump/VFD failure is detected
- Individual pump circuit breakers - permits continued operation and easy serviceability
- Each pre-programmed station is fully tested for flow and pressure
- Communication: BACnet, Modbus, RS485 Interface

GENERAL

- ASHRAE 90.1 Compliant
- NSF/ANSI 61 & 372 Certified
- UL CQCZJ
- cUL
- UL508A
- NEC
- BTL (Pending)

TYPICAL APPLICATIONS

- Schools
- Hospitals
- Data Centers
- Commercial Office Buildings
- Public Office Buildings
- Sports Arenas
- HVAC
- Industrial Processes
- Irrigation

Xylem Hydrovar® pump mounted variable speed controller/VFD Hydrovar is an intelligent pump controller that matches performance to system demand. Its built-in application software makes it one of the easiest drives to commission, program and operate, The Hydrovar comes standard with the e-HV for pressure boosting applications.



Features that make a difference



1. Hydrovar Variable Speed Pump Control

The e-HV comes standard with Xylem's proven Hydrovar Pump Control/VFD for pressure boosting applications. Standard UL Type 1 / IP55 rating and multi-master configuration make the e-HV the obvious choice for your critical applications.

2. Individual Pump Disconnects

With integrated through the door pump circuit breakers located in a NEMA 12 station disconnect enclosure, the e-HV allows for ease of service without the need to shut down the entire Booster package.

3. Premium Efficiency

The e-HV utilizes off the shelf TEFC Premium Efficient NEMA Frame motors, eliminating the need for special order motor/drive combination units.

4. Stainless Steel Construction

Increased life expectancy with standard 304SS base and pedestal. The 304SS suction and discharge manifolds allow for simple installation in any piping system.

5. Compact Design

Built around Hydrovar integrated drive/controller, molded wiring harnesses, vertical multi-stage pumps, and optimized pump trim, the e-HV can reduce space requirements as much as 40%.

6. Vertical Multi-Stage Pumps

Xylem brand high efficiency e-SV vertical multi-stage pumps, AISI 304SS and Cast Iron wetted components construction, mechanical seals accessible without motor removal, and a positive-sealing bellows design that eliminates hang-up due to solids, deliver unequalled performance and confidence.

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

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 Product Cybersecurity

Xylem values your system security and the availability of your critical services. For more information on Xylem cybersecurity practices or to contact the cybersecurity team please visit xylem.com/security.



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.xylem.com/bellgossett

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