

e-SHX Smart Pumps

Integrated pump, motor & variable speed drive solutions, **powered by hydrovar® X**



e-SHX Smart Pumps feature the right combination of ultra-premium efficient motors with integrated variable speed drives and pumps to ensure great performance and a rapid return on investment in nearly any application. The result is intelligence, performance, connectivity, and simplicity in one comprehensive package, from one reliable source - Goulds Water Technology.

Simple: Built-in application software makes the drive one of the easiest to commission, program and operate, enabling virtually any configuration of pumps.

Sustainable: No rare earth materials are used to minimize product availability challenges and address environmental concerns while offering smart technology and superior performance.

Intelligent performance: Advanced system controls (up to 8 pumps) are customizable for a wide range of applications. The IE5 "ultra-premium" hydrovar X smart motor provides one of the broadest efficiency ranges in the industry.

Built-in protections: Integrated functions provide protection for the pump and motor while optimizing performance.

Compact motor design: e-SHX Smart Pumps offer increased performance to 4000 RPM, reduce electricity consumption and lower life cycle costs.

Easy service: Separate quick connect components allow users to replace the drive or the motor independently minimizing downtime and expensive repair. The integrated electrical socket requires no additional wiring, allowing a true plug and play solution versus buying a new motor and drive combination.



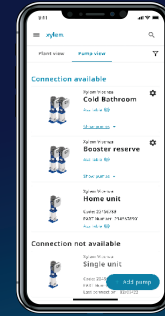
Unleash the power of hydrovar X!

Don't hold back your imagination!

With the graphical color display, you can quickly set-up and navigate the menu of your unit: check all the parameters and choose the perfect unit configuration to fit your installation. No time to do it? Genie will start up and run the unit for you!



Check your systems from wherever



Download the mobile app



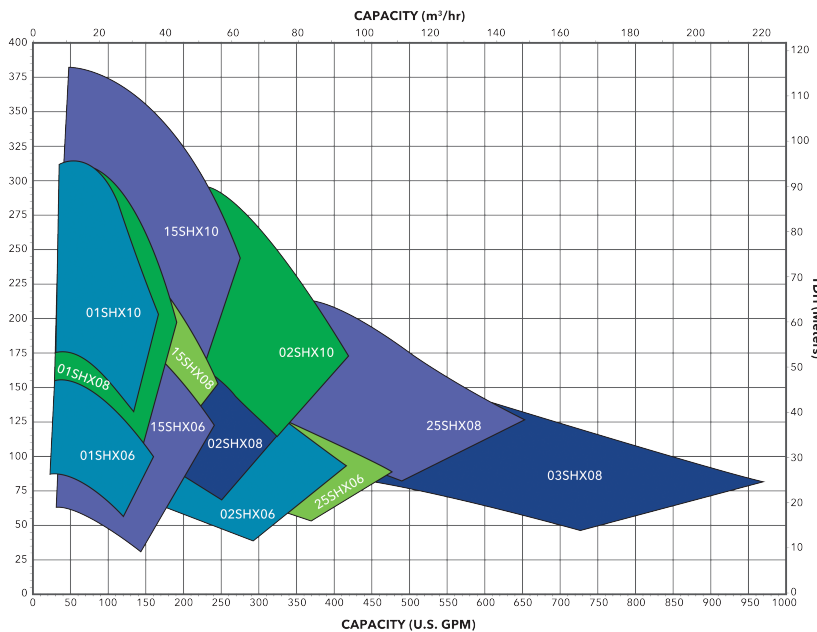
hydrovar X and Avensor, better together!

hydrovar X can communicate with Avensor, Xylem's IoT platform, for a complete overview of all connected assets, anytime, anywhere. Avensor collects historical data to analyze trends and generate alerts preventing failures and equipment downtime.

e-SHX Smart Pump Specifications

Flow rate:	up to 970 GPM (220 m ³ /h)
Head:	up to 380 ft (116 m)
Temperature of pumped liquid:	up to 250°F (121°C)
Maximum operating pressure:	230 psi (16 bar)
Environment temperature:	-4°F to 122°F (-20°C to 50°C)

e-SHX Smart Pump Family Curves



hydrovar X Smart Motor Specifications

Display:	Graphic color
Control modes:	Actuator, Constant Pressure. Proportional Pressure, Proportional Quadratic Pressure, Constant Flow, Constant Temperature, Constant Level
Multi-pump:	up to 8 pumps
Enclosure:	IP55/NEMA4
Working temperature:	-4°/+122°F (-20°/+50°C)
Communication protocols:	MODBUS® RTU, BACnet MS/TP
Features:	IE5 synchronous motor
Mobile app:	Bluetooth®

Learn more about e-SHX Smart Pumps:



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 www.xylem.com/security.



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www.xylem.com/goulds

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