

# e-HMX Smart Pumps

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

e-HMX 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 hydrovar X one of the easiest drives 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.

**Ease of installation & maintenance:** Integrated pump and hydrovar X motor design eliminates the need for additional wiring, labor and associated costs.

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

**Easy service:** VFD and/or motor can be easily replaced individually, minimizing downtime and expensive repair.

**Compact motor design:** hydrovar X motors offer higher performance with a reduced footprint when compared to Aquavar IPC solutions. Increased performance reduces electricity consumption and lowers life cycle costs.



**e-HM with wall mounted Aquavar IPC**



**e-HMX Smart Pump**

*When compared to the e-HM with wall mounted Aquavar IPC, the e-HMX's integrated drive and motor reduces floor and wall space in a compact, easily serviceable pump package.*

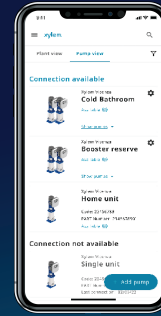
# Unleash the power of hydrovar X!

## 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.

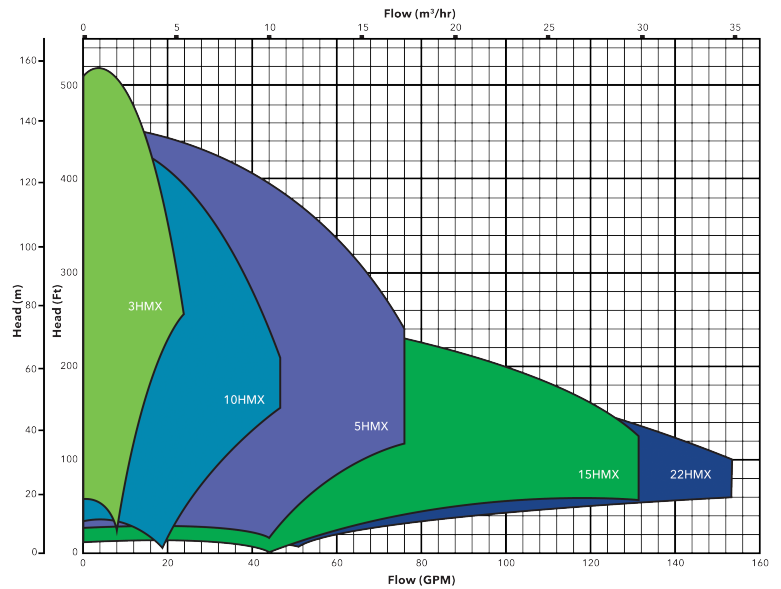
## e-HMX Smart Pump Specifications

<b>Flow rate:</b>	up to 150 GPM (34 m <sup>3</sup> /h)
<b>Head:</b>	up to 509 ft (155 m)
<b>Temperature of pumped liquid:</b>	20°F to 248°F (-30°C to 120°C)
<b>Maximum operating pressure:</b>	230 psi (16 bar)
<b>Environment temperature:</b>	-4°F to 122°F (-20°C to 50°C)

## hydrovar X Smart Motor Specifications

<b>Display:</b>	Graphic color
<b>Controls:</b>	Actuator, Constant Pressure, Proportional Pressure, Proportional Quadratic Pressure, Constant Flow, Constant Temperature, Constant Level
<b>Multi-Pump:</b>	up to 8 pumps
<b>Enclosure:</b>	IP55/NEMA 4
<b>Working temperature:</b>	-4°/+122°F (-20°/+50°C)
<b>Communication protocols:</b>	MODBUS® RTU, BACnet MS/TP
<b>Features:</b>	IE5 synchronous motor, Standard set of I/Os, Extended I/Os
<b>Functionality:</b>	Linear proportional pressure
<b>Mobile app:</b>	Wireless communication

## e-HMX Smart Pump Family Curves



Learn more about e-HMX Smart Pumps



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