

# e-1531X & e-1532X Smart Pumps

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



e-1531X & e-1532X 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 - Bell & Gossett.

**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.

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

Representative example



e-1510 with wall mounted ITSC

e-1510X Smart Pump

*hydrovar X's integrated drive and motor reduces floor space, frees up wall space and creates a compact, easily serviceable pump package.*

**Compact motor design:** hydrovar X motors offer higher performance with a reduced footprint when compared to legacy generation Hydrovar or Aqua-var IPC solutions. Increased performance reduces electricity consumption and lowers life cycle costs.



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

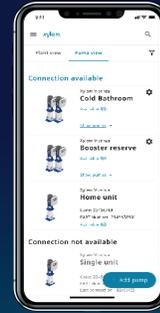
# Unleash the power of hydrovar X!

## 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-1531X & e-1532X Smart Pump Specifications

<b>Flow rate:</b>	up to 1600 GPM (363 m <sup>3</sup> /h)
<b>Head:</b>	up to 400 ft (123 m)*
<b>Temperature of pumped liquid:</b>	up to 250°F (121°C)
<b>Maximum operating pressure:</b>	175 psi (12 bar)*
<b>Environment temperature:</b>	-4°F to 122°F (-20°C to 50°C)

\*The 1.25BC and 1.5BC models may exceed the nominal 175 psi rating above 3600 RPM.

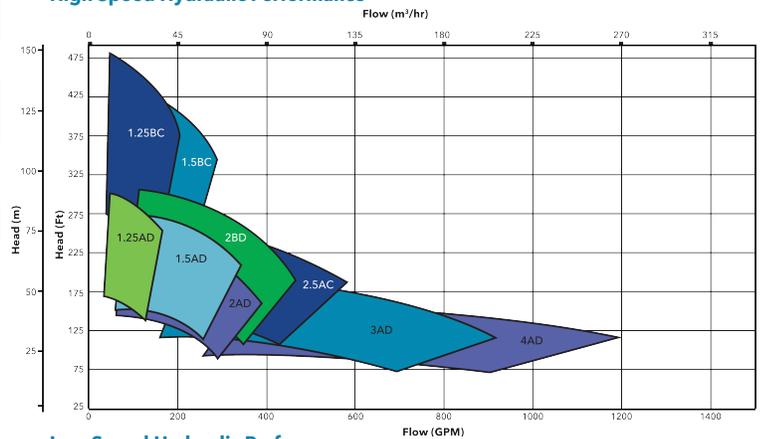
## hydrovar X Smart Motor Specifications

<b>Display:</b>	Graphic Color
<b>Control modes:</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/NEMA4
<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
<b>Mobile app:</b>	Bluetooth®

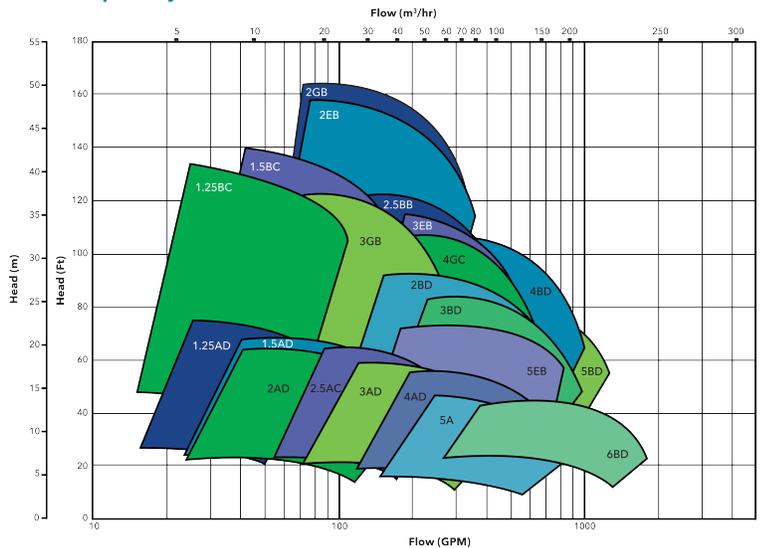
Learn more about e-1531X & e-1532X Smart Pumps



## e-1531X & e-1532X Smart Pump Family Curves High Speed Hydraulic Performance



## Low Speed Hydraulic Performance



Xylem Inc.  
www.xylem.com/bellgossett

Note: The e-1531X is not available in 11" or 13.5" impeller diameter models such as the 2EB or 3GB.

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