

Goulds Water Technology introduces vortex wastewater pump

Goulds Water Technology (GWT), a Xylem brand, has released its VTX Series, a line of submersible vortex pumps that combines Goulds Water Technology's reputation for reliability with an improved impeller design for superior waste-handling capabilities.

A recessed vortex impeller creates a whirlpool of pressure that pulls solids through the system without touching the vanes of the impeller, minimizing clogging and easily allowing fibrous materials to pass through the system. Materials such as flushable products can pose clogging issues for wastewater systems due to their stringy, clothlike composition, collecting on the impeller and eventually clogging a system.

The vortex impeller of the VTX Series resists clogging more effectively than a traditional two-vane impeller and is capable of handling solids up to 2 inches in diameter.

Additional VTX Series features and benefits

- **Field serviceable** — With the oil-free dry cap feature, a repair technician can service the capacitor in the field by simply pulling the pump from the pit and accessing the dry cap compartment, saving time and money on service calls.
- **PSC motor** — The single-phase motor eliminates the need for a starting switch, and provides maximum starting torque and energy efficiency, for quick start-up.
- **Overload protection** — Features built-in overload with automatic reset and is oil filled for constant heat dissipation and cool operation for continuous operation and extended product life.
- **Durable materials** — The impeller and casing are cast iron and the shaft and fasteners are corrosion-resistant 300 series stainless steel; mechanical seals of silicon carbide provide superior abrasive resistance.



The VTX Series is available in five models, ranging from 1/2 horsepower to 2 horsepower, and displays pumping capabilities up to 208 gallons per minute.

For more information on the VTX Series, please visit goulds.com/vortex.

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