



TOP Pre-engineered Fiberglass Pump Station

THE OPTIMUM PUMP STATION

FLYGT
a xylem brand

TOP Station Premium Pre-engineered Pump Station

The Flygt TOP fiberglass pump station from Xylem is a premium, pre-engineered and factory built packaged pump station that utilizes advanced features to provide customers with superior pump station performance.

The innovative, self-cleaning, TOP Station sump bottom directs the solids and debris normally found in wastewater to the inlet of the Flygt N-Pumps where they can be effectively pumped away.

The interior of the pump station has a smooth finish which helps inhibit the build-up of grease and sludge.

The outside diameter of the station is equipped with an integral anti-flotation ring utilized to secure the station.

The aluminum pump station lid utilizes an integral Safe-Hatch access cover that provides personnel fall-through protection when the aluminum access door is opened. The raised frame provides a kick plate surround eliminating the possibility of tools or debris rolling into the pump station.

During normal inspection, individual pumps can be raised and placed upon one of the closed Safe-Hatch grates and washed-down. The debris will fall back down into the sump resulting in a clean pump to check.

Flygt Pump Station Controls



Xylem offers a fully engineered control panel solution. Our integrated, purposely designed control panels provide an intuitive user interface with the reliability you have come to expect from the leader in submersible pumping.

Standard Control Features

- UL 508 listed
- NEMA 4X 304 Stainless Steel enclosure with aluminum dead front inner door
- Lockable enclosure
- Hand/Off/Auto Selector switches
- Full voltage across-the-line starting
- Main incoming power circuit breaker
- Individual pump circuit breakers
- NEMA rated motor starters w/overloads
- Mini-CAS II pump seal & motor thermal protection
- MultiSmart™ intelligent pump station controller
- Current transformers
- 24VDC power supply
- ENM-10 float regulators

Available Options

- Generator receptacle and plug assembly with manual transfer switch
- Solid state reduced voltage starting
- LS-100 submersible pressure transducer
- MIO module and multi-sensor level probe
- Horn or bell audible alarm
- Anti-condensation heater and thermostat
- Back up floats (2 x ENM-10, when transducer or probe option is selected)
- Elapsed time meters for pumps
- TD-33 Telephone modem
- 12" x 10" space in panel reserved for future telemetry

Features & Benefits

- Pre-engineered, factory built pump station
 - Available in 4-ft, 5-ft or 6-ft diameters
- Heavy-wall filament-wound fiberglass tank
- Exclusive self-cleaning TOP sump bottom
- Flygt heavy-duty submersible N-Pumps
 - Clog-free, innovative technology
 - 3-hp through 35-hp motors
 - Self-cleaning N-Impeller
 - Sustains high hydraulic efficiency
- Flygt mix-flush valve
 - Provides sump mixing
 - Re-suspends solids
- 2", 3", 4" or 6" diameter discharge pipe
 - PVC discharge pipe
 - Stainless steel discharge pipe
- Stainless steel guide bars
- Stainless steel upper guide bar bracket
- Stainless steel cable holder hooks
- Integral Safe-Hatch aluminum access cover
- Flygt Grip-eye easy lift pump retrieval system
- 4-in diameter PVC station vent pipe
- Pump station level control choices
 - Flygt ENM-10 ball float-type
 - Flygt LS-100 pressure transducer-type
 - Flygt probe-type
- Duplex Flygt pump station controls
 - NEMA-4 enclosure
 - Several enclosure material choices
 - UL listed control available
 - NEMA or IEC rated starters available
 - Standard and custom controls
- Single lift, easy station installation
- Single-source responsibility



Fully sealed station wall penetrations can be factory installed for the influent pipe, discharge pipes, and electrical connection points. Depending on pipe diameter, properly selected fiberglass hubs with link seals are utilized. Influent pipe wall penetration can be shop installed or field located.

Flygt TOP Pre-engineered Pump Station

Grip-eye lifting device

Safe-Hatch access cover

Flygt N-Pump

Flygt Mix-flush valve

4" station vent pipe

Stainless steel guide bars

Heavy-wall construction

Level control system

TOP self-cleaning basin



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Flygt is a brand of Xylem, whose 12,000 employees are addressing the most complex issues in the global water market.

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