

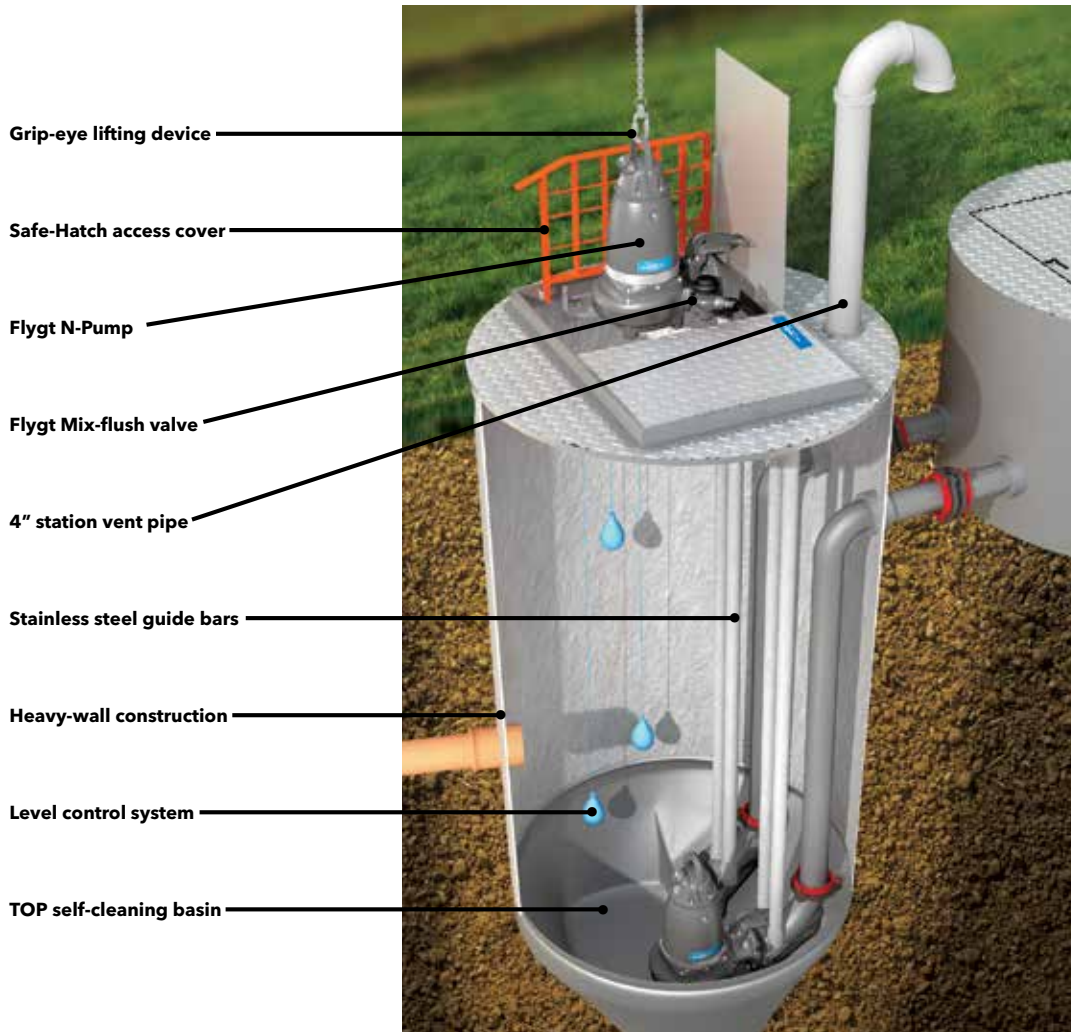


TOP Pre-Engineered Fiberglass Pump Station

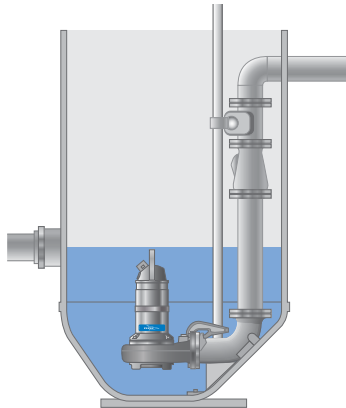
THE OPTIMUM PUMP STATION

FLYGT
a xylem brand

Flygt TOP Pre-Engineered Pump Station

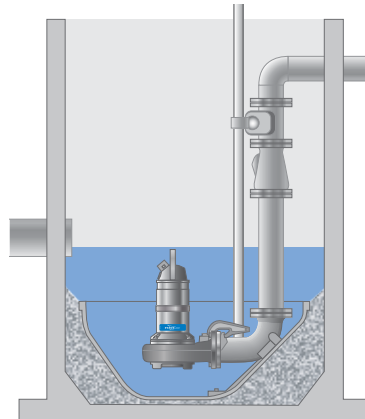


The self-cleaning team: Flygt TOP Sump and N-Pump



TURNKEY PUMP STATIONS

Install a prepackaged pump station with Flygt TOP self cleaning design in corrosion resistant fiberglass construction.



RETROFIT EXISTING SUMPS

Install the prefabricated Flygt TOP sump floor and fill the gap between the old floor and the new with concrete. Wait a few hours until dry, then put your pump station back online. No additional excavation is required.



N IMPELLER & WEAR PLATE

N-Impeller with back swept vanes and guide pin with relief groove provide sustained efficiency while pumping modern trash such as flushable wipes.

Continuously removes suspended solids

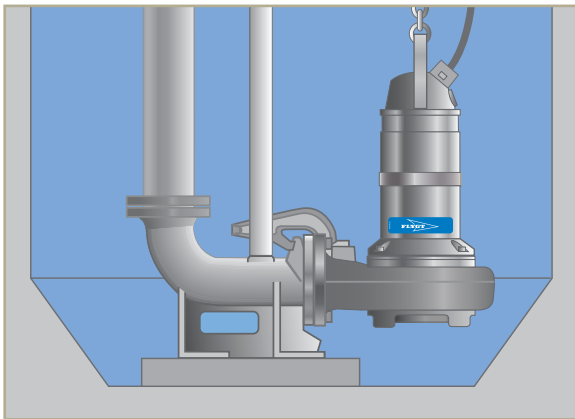
The Flygt TOP station delivers outstanding self-cleaning performance both in laboratory tests and under real-life operating conditions.

Flygt conducted a laboratory test comparing the Flygt TOP sump to a traditional sump. The test sumps were each filled with 105 US gallons (400 liters) of water and 108 lbs. (49 kg) of sand. The water was pumped back and forth 10 times from one sump to the other.

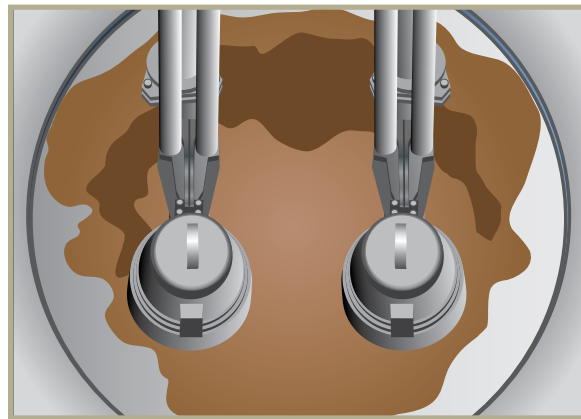
At the end of the test 207 lbs. (94 kg) of solids accumulated in the conventional sump, while only 9 lbs. (4 kg) of solids remained in the TOP sump.

These lab test results are replicated on a daily basis in thousands of Flygt TOP stations operating around the world. The results are definitive: Flygt TOP stations with self cleaning hopper shaped bottom reduce settled solids in turn reducing maintenance and downtime.

Conventional pump sump

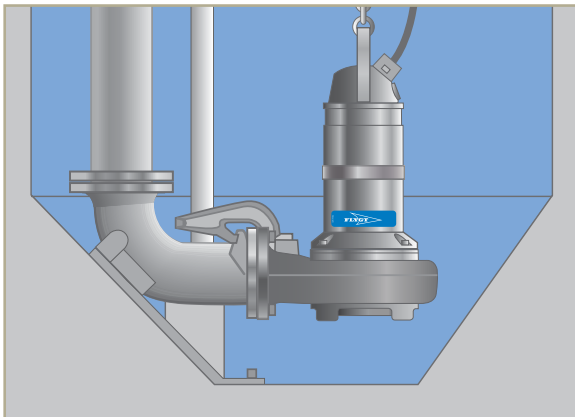


Conventional large flat sump floor encourages buildup of sludge and solids.

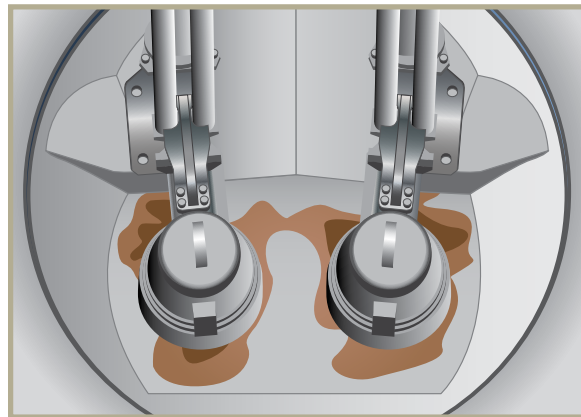


The further away the sumps walls are from the pumps, the greater the sedimentation.

Flygt TOP sump



Minimal floor area and optimized geometries ensure high velocity, which efficiently suspends settled solids in wastewater.

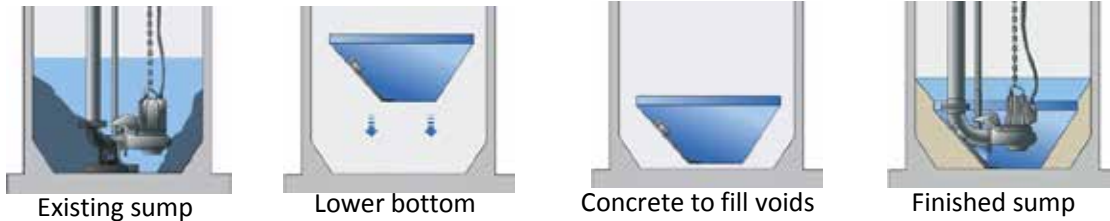


Optimized geometry draws any solids remaining in the sump closer to the pumps, where pump suction is the strongest. This eliminates the risk of solids buildup.

Retrofits easier and turnkey solutions possible

Top Stations are available as turnkey fully assembled pump stations, with rails, valves, and all discharge piping fully assembled. The other option is to retrofit the existing station with a TOP self-cleaning bottom. Just lower the insert into the station, fill the gap between the old floor and the new with concrete.

Retrofit Solution install process



TOP Sizes	TOP 4	TOP 5	TOP 6	TOP 100 Retrofit Liner	TOP 150 Retrofit Liner
Station Diameter	4 ft.	5 ft.	6 ft.	4 ft.	5 ft.
Discharge Sizes	2, 3, 4"		2, 3, 4, 6"	2, 3, 4, 6"	
Pipe Material	316 Stainless Steel /PVC			Determined by Engineer	

Depths up to 25 ft. standard. Designs over 25 ft. possible please consult factory



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

Xylem, Inc.
 14125 South Bridge Circle
 Charlotte, NC 28273
 Tel 704.409.9700
 Fax 704.295.9080
 855-XYL-H201 (855-995-4261)
www.xylem.com

www.xylem.com