

Pump Trooper®

Pump Lift Stations

Features

- Precast concrete or fiberglass models available
- Various pump types available
- Pedestrian or traffic rated
- Remote maintenance alarm available
- Interior liners available
- Meets all building codes

Lift Stations

ParkUSA®'s PumpTrooper®, a submersible pump lift station, is a reliable and cost-effective solution to prevent flooding by receiving and moving stormwater and/or sanitary wastewater to designated locations. Generally, a lift station is used to temporarily transfer liquid that can not flow by gravity on its own. This centrifugal pump system is powered by a close-coupled electric motor. The pumps operate quietly and are cooled by the moving liquid to maximize their lifespan.

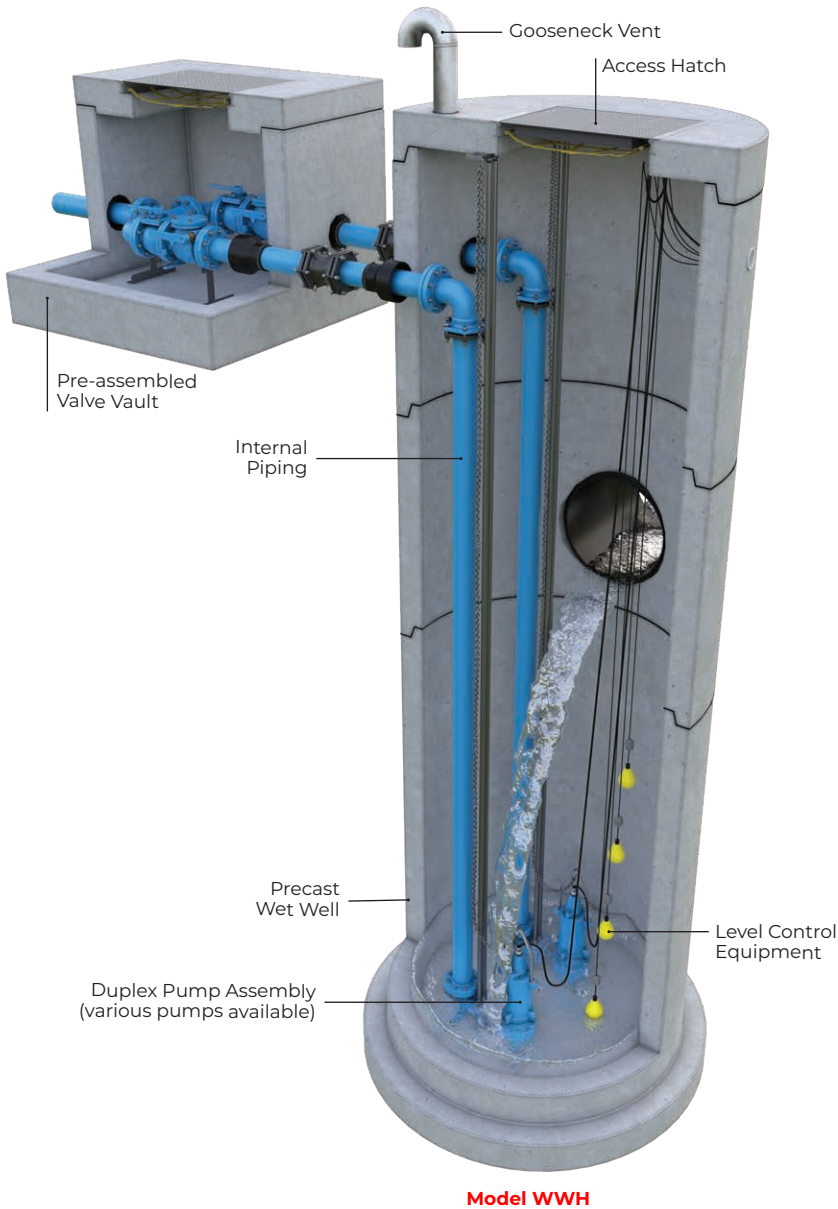
Most pump stations are designed for multiple pump installations. The duplex system is the most common where the two pumps alternate in operation to equalize the wear of the pumps and to keep the wet well from solids build-up. The multiple pump system offers continued operation in the case of a pump failure, removal for servicing, and also provides extra capacity in times of extraordinary loading.

OEM Brands:



SW | PUMPTROOPER Standard





Model WWH

How it Works

Sanitary wastewater or storm water enters the wet-well basin through the inlet pipe. An electric liquid level control system monitors the water level and engages the pump(s) at predetermined levels. The pumps then transfer the liquid up and out of the wet-well basin into the sanitary or storm sewer system.

To request a quote or catalog, visit request.parkusa.com.

Design Considerations

Depending on the project, the number of submersible pumps, as well as, the valve system are subject to change. In smaller stations, there can be one submersible pump and the valve assembly is housed within the wet well to save infrastructure cost. In larger stations, which can house multiple submersible pumps, it is recommended that the valve system be housed in a separate valve vault. This makes it easier to conduct maintenance when necessary.



Effluent Pumps



Axial Flow Pumps



Grinder Pumps



Vertical Turbine Flow Pumps

APPLICATIONS



Good to use
in BMPs



Hotels



Commercial



Industrial



Medical
Facilities