



# Flygt Above Ground Valve Vault

INTEGRAL PUMP STATION VALVE AND CONTROL ENCLOSURE  
WITH BASE AND ACCESS COVER

# Quick, easy installation & maintenance

The above ground valve vault system from Flygt is a premium pre-engineered and factory built packaged system for pumping stations. This system eliminates the need for an in ground valve vault and virtually eliminates the need for confined space entry. The Flygt AGVV places the pump station valves and controls in a clean, attractive and corrosion resistant fiberglass enclosure located above ground.

Accessibility is greatly improved as the pump station check valves, isolation valves and control are easily within reach for normal inspection maintenance or service.

## Product features and benefits:

- Pre-assembled with valves and piping
- Insulated weather-resistant enclosure
- Compact, quick and easy installation for new valve vault construction or existing pump station retrofit
- Equipment base slab is cast in corrosion-resistant polymer concrete, no protective coatings required
- Pipe penetrations are sealed from the wet-well
- Available for stations with 3", 4" or 6" discharge pipe
- Heavy-duty, clog-free Flygt submersible pumps feature N-Technology
- Integral Flygt Safe-Hatch access cover
- Ball check valves and plug-type isolation valves are standard
- Simple duplex pump controls to complete SCADA systems are available
- Visual and audible alarms available
- Ball-float, pressure transducer or probe type level control systems
- UL listed control panel available
- Optional by-pass suction/discharge piping available
- Optional enclosure heaters and ventilation system
- Additional custom options are available





# Flygt above ground valve vaults are not just for valves

Flygt offers a wide range of control solutions that can be paired with an above ground valve vault. 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.

**FlygtCloud enables you to connect to a new or existing Flygt pump station and carry out many of the functions of traditional telemetry without any of the risks - and for a much lower cost.**



## **Reduces site visits saving time and money**

FlygtCloud hardware is installed in the panel with either the MultiSmart Pump Station Manager, MT2PC or Flygt APP Family of pump controllers. FlygtCloud equipment connects via a serial connection and sends regular status and alarm information to a Flygt managed web server via a cellular data network.

## **Powerful, Yet Simple**

FlygtCloud takes care of all of that for you! There's no software to install. There's no server to maintain. There's no programming to do. Flygt runs the server system that collects, analyzes and presents all your pump station network data on private and secure web pages. We'll take care of your monitoring and database functions, leaving you free to address other issues. When you're ready for it, your information is there - whatever you want - whenever you want it - from wherever you are.

**There is no easier way to manage your pump station. With the ability to handle up to six pumps, Flygt MultiSmart™ makes advanced pump control functionality available to everyone.**



## **Control At Your Fingertips**

Commissioning a new station or changing an existing station to maximize its efficiency or cost-effectiveness is simple thanks to the intuitive user interface. A setup wizard guides your staff through installation using defaults that have been thoughtfully designed so that everything will work exactly as you want.

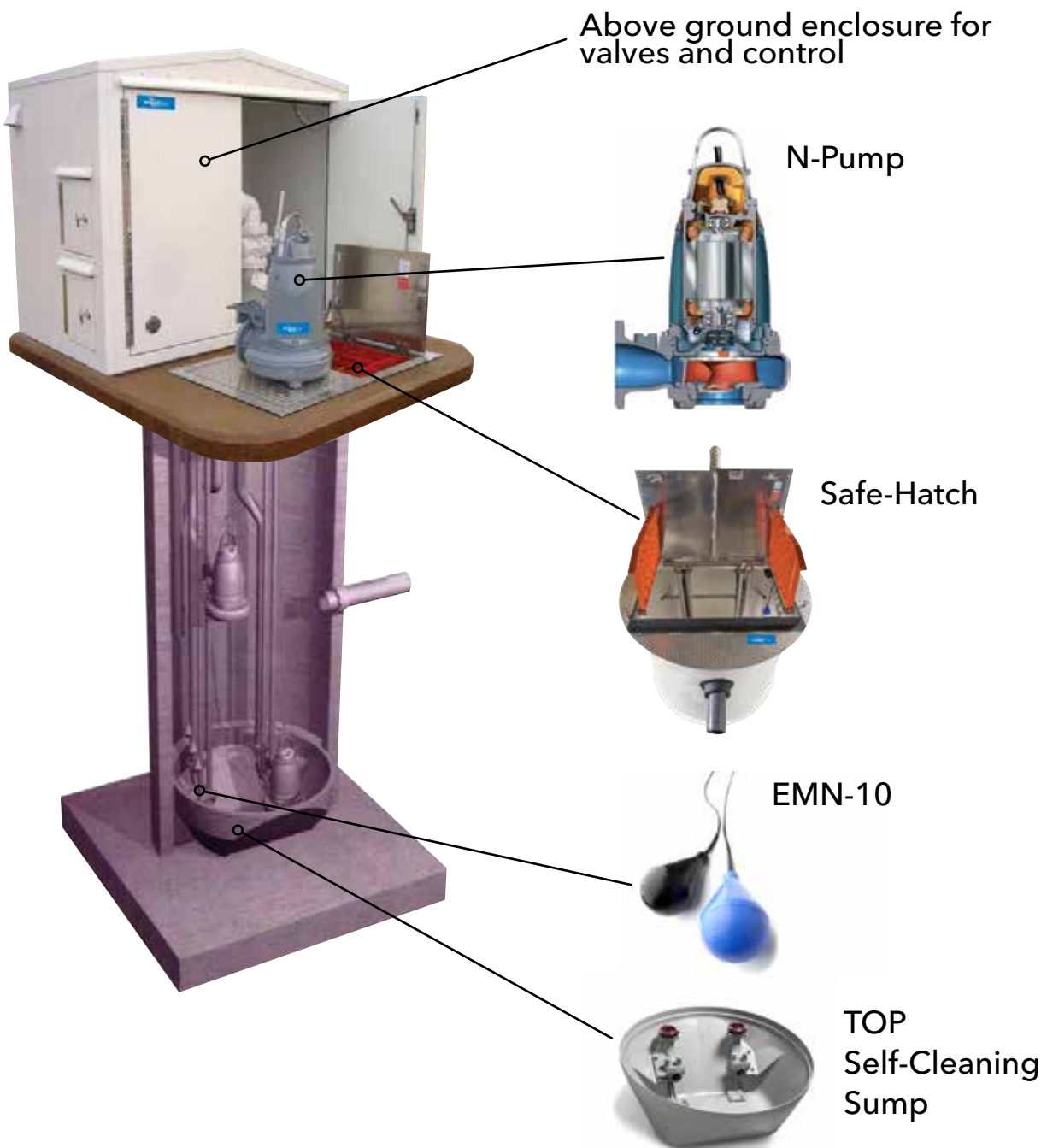
## **Increased Functionality**

But remember, with MultiSmart any parameter can easily be changed to make your station work just the way you need. From something as simple as changing set-points to complex alternation schemes for large pump stations.

## **Ease of use**

MultiSmart is simple to use and will empower your operational staff with complete control previously only found in custom programmed PLC's.

# Flygt complete pump station



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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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