



# OverWatch<sup>®</sup>

Direct In-Line Pump System

**Changing the world one wet well at a time**



INDUSTRIAL  
FLOW  
SOLUTIONS<sup>™</sup>



## Self Monitoring

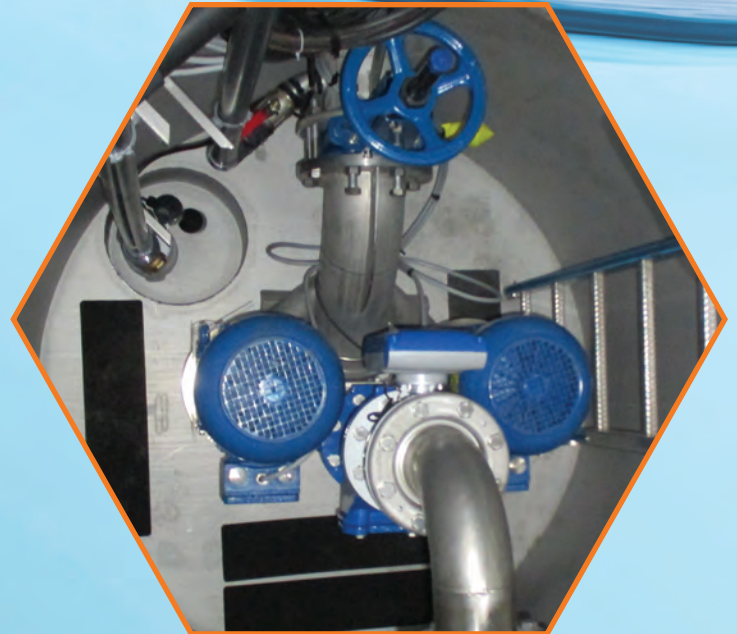
Save Time and Money with Improved Operational Efficiencies

- ⊕ Smart sensing - adjusts in real time to manage flow
- ⊕ Avoids system failures and downtime with a two pump design
- ⊕ Less fluid detention time
- ⊕ Detects and removes clogs without human intervention
- ⊕ Remote monitoring options

## Eliminate the Wet Well

Creates Safer Working Conditions for Maintenance Crews and Reduces Environmental Impact

- ⊕ No buildup or exposure to hazardous odors, bacteria, or Hydrogen Sulfide (H<sub>2</sub>S) gases
- ⊕ Reduces danger of explosions
- ⊕ Minimizes excavation
- ⊕ Simplified installation & maintenance - no more screen cleaning!



## Non-clog

Designed for Reliability. Keeps a Careful Watch so You Don't Have to

- ⊕ No downtime from a clogged pump
- ⊕ Reduces maintenance
- ⊕ Redundant dual pump design minimizes downtime
- ⊕ No debris or trash removal
- ⊕ Extended life expectancy
- ⊕ Optional patented DipCut<sup>®</sup> impeller



## Industrial

### Food, Beverage & Pharmaceutical Processing

Stainless Steel body designed to withstand the effects of corrosion from harsh materials and solutions.

- ⊗ High temperature wash-down / Clean in Place (CIP)
- ⊗ Fats, Oils, Greases (F.O.G.)
- ⊗ Solids handling
- ⊗ Acidic and caustic processing

## Municipal

### Lift Stations & Wastewater Treatment Facilities

Breakthrough technology designed to lift influent at the point of entry, eliminating the wet well.

- ⊗ Sewage & solids handling
- ⊗ Stormwater management
- ⊗ Wastewater
- ⊗ Lift / Pump stations



## Commercial

### Hotels, Hospitals, Correctional Facilities, Universities & Residential Complexes

Effluent is contained, eliminating odors and reducing maintenance.

- ⊗ Wastewater
- ⊗ Stormwater management
- ⊗ Boiler condensate handling
- ⊗ Solids handling

Optional flow meter

Swing check valve

Main isolation valve

Immersible IP65 TEFC motors, explosion proof class 1, Div. 1, and CSA® certified.

Stainless steel wall flange supplied for easy installation

Optional DIPCut® impeller for self-cleaning operation

Branch isolation valve

Common stainless steel body with integral flapper

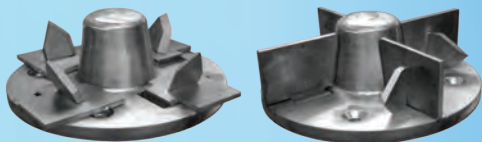
Stone trap / Clean out

Stainless steel liquid level sensor

## Stainless Steel Impeller Options

### DIPCut®

- Pumping & Shredding
- Consume less energy
- Does not effect hydraulic efficiency



Shredding



Pumping

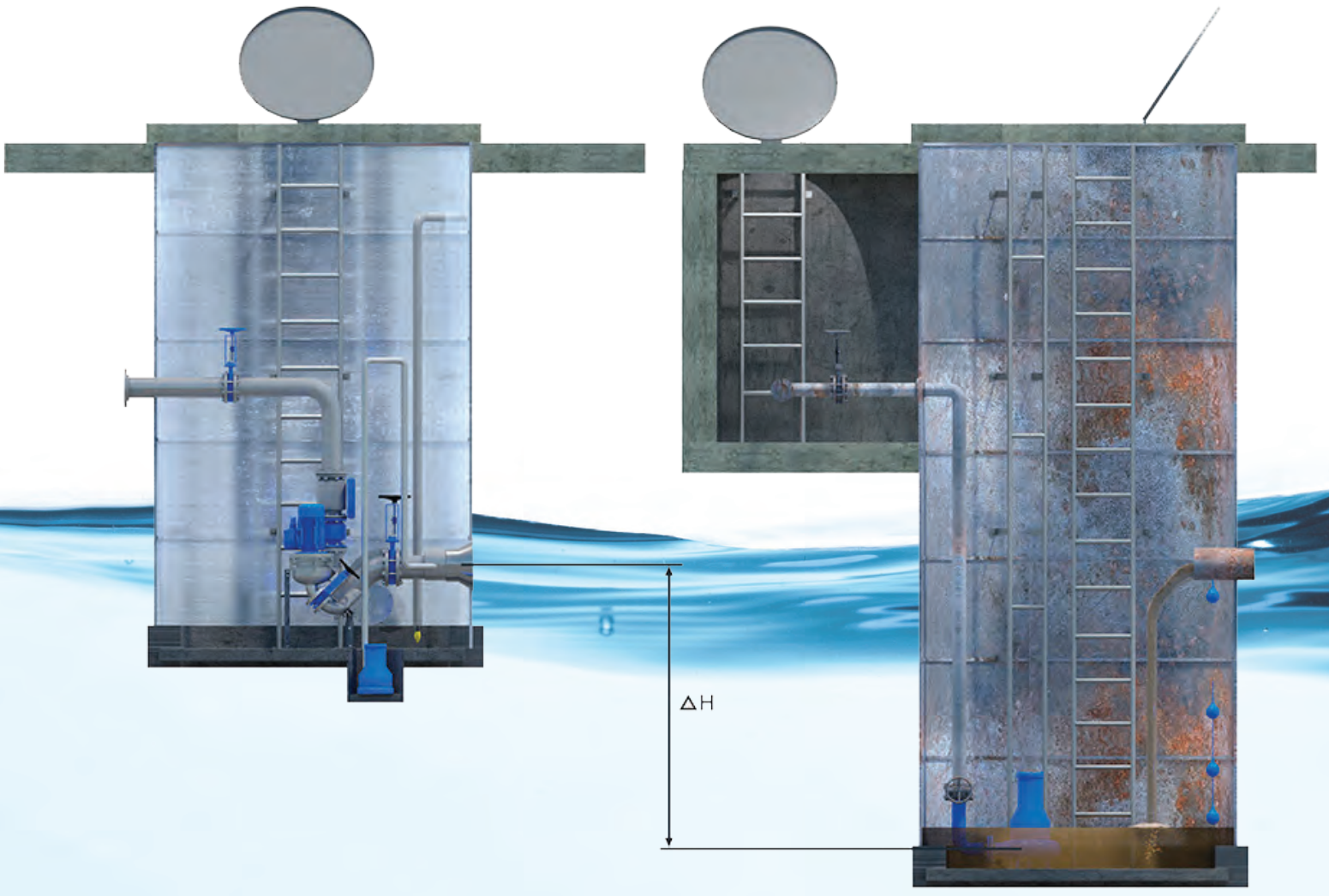


### Vortex



### High Efficiency





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## Traditional Wet Well



# OverWatch Booster

Having problems with insufficient slope, flow, pipes or damage?  
**Boost** it out, without replacing the entire line!

## Features & Benefits

- Standard pipe diameter design
- Increase capacity by boosting flow downstream
- Improve velocity - Accelerate in-line wastewater circulation
- A gravity-fed line of 152 mm (6 in) to 1016 mm (40 in) diameters



## Packaged Lift Stations (PLS)

Incorporates all the advantages of the Direct In-Line Pump system into a ready to install, stainless steel pump room.

### Benefits:

#### Economical

- Ideal for transportation and installation costs
- Quick to connect without the need for a valve vault
- Reduces excavation depth required
- Enables future modifications to be made

#### Robust

- 100% waterproof
- Non-porous, with no fragile tank adapters
- Resistance to ground settlement, poor backfilling, impacts during installation, and stress caused when pouring the upper concrete slab

#### Sustainable

- Corrosion and erosion resistance prevents systems from degrading over time
- Ecological designed with non-oil-based products



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