

DIBITEC 

RANGE OF
EQUIPMENT



 **OverWatch**[®]

DIRECT IN-LINE PUMP SYSTEM

Modular concept in
all stainless steel

Immersible IP67
IE3 motors

Sectioning valve
for easy maintenance

Modulated pumping
driven by variable speed
drives for energy saving

Stainless steel wall
flange supplied
for easy installation

Optional DIPCUT[®]
impeller for
self-cleaning operation

Provides clean and safe
working environment

Integrated web application
for remote monitoring
and management

Stainless steel Level Sensor

OverWatch[®] Direct In-Line Pump System

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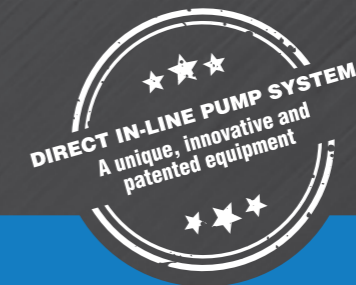
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DIRECT IN-LINE PUMP SYSTEM

AN INNOVATIVE PRINCIPLE

By pumping gravity fed effluent directly from the point of entry, without water loading or a wet well, the System overcomes the drawbacks of retaining raw sewage:

- No dangerous gases (H₂S);
- No smells;
- No sand and grease accumulation;
- No equipment corrosion;
- No structural erosion;
- No obstructed float switches;
- Always have access safety.



THE ONLY PATENTED SYSTEM TO PUMP EFFLUENT DIRECTLY AT THE POINT OF ENTRY

The System provides innovative, durable and economical pumping stations.

A COMPLETE CONCEPT

IMPELLER

DIPCUT® is a patented impeller that becomes a «Shredder» when it automatically changes direction of rotation. Coupled to variable frequency drive, this impeller changes its direction of rotation when needed in order to cut snarled long fibrous materials and rags, and then remove them.



VFD

The OverWatch® is driven, as standard, by variable speed drives. Operation is no longer based on "all-or-nothing" pumping but on continuous modulated pumping directly from the effluent inlet.



SUPERVISION

The data from operation of the OverWatch® can be transmitted through a secure web server. It is a system of supervision and assistance Web, allowing checks, optimizations, regulations or actions preventive measures remotely.



IMMERSIBLE IP67 MOTOR

The new high-performance premium motor have also been designed to achieve an IP67 degree of waterproofing. IMMERSIBLE for up to 15 days under 8 meters of water. Its design is specially adapted for motorization of our wastewater pumps installed in dry well; since they are both ventilated and immersible. -ATEX Option, on Request.



Your next lift station can look like this: New or renovation



ADVANTAGES OF OverWatch®

DIRECT ADVANTAGES OF DIRECT IN-LINE PUMP SYSTEM

- No wet well;
- No cleaning;
- No Dangerous gases (H₂S);
- No smells;
- No obstructed Float Switches;
- No corrosion;
- Access Safety;

Guaranteed return on investment thanks to energy and operating savings;

The pumping station becomes a clean and healthy technical place, with facilities and protects the work of the maintenance team.



ABOUT THE DIRECT IN-LINE PUMP SYSTEM

More than 2.000 references throughout a healthier and more efficient world.

56 models from 2m³/h to more than 2.000m³/h per pump, and up to 110m of head. Motorization up to 132 kW per pump

COMPARISON OF THE OVERWATCH WITH A TRADITIONAL SYSTEM

