

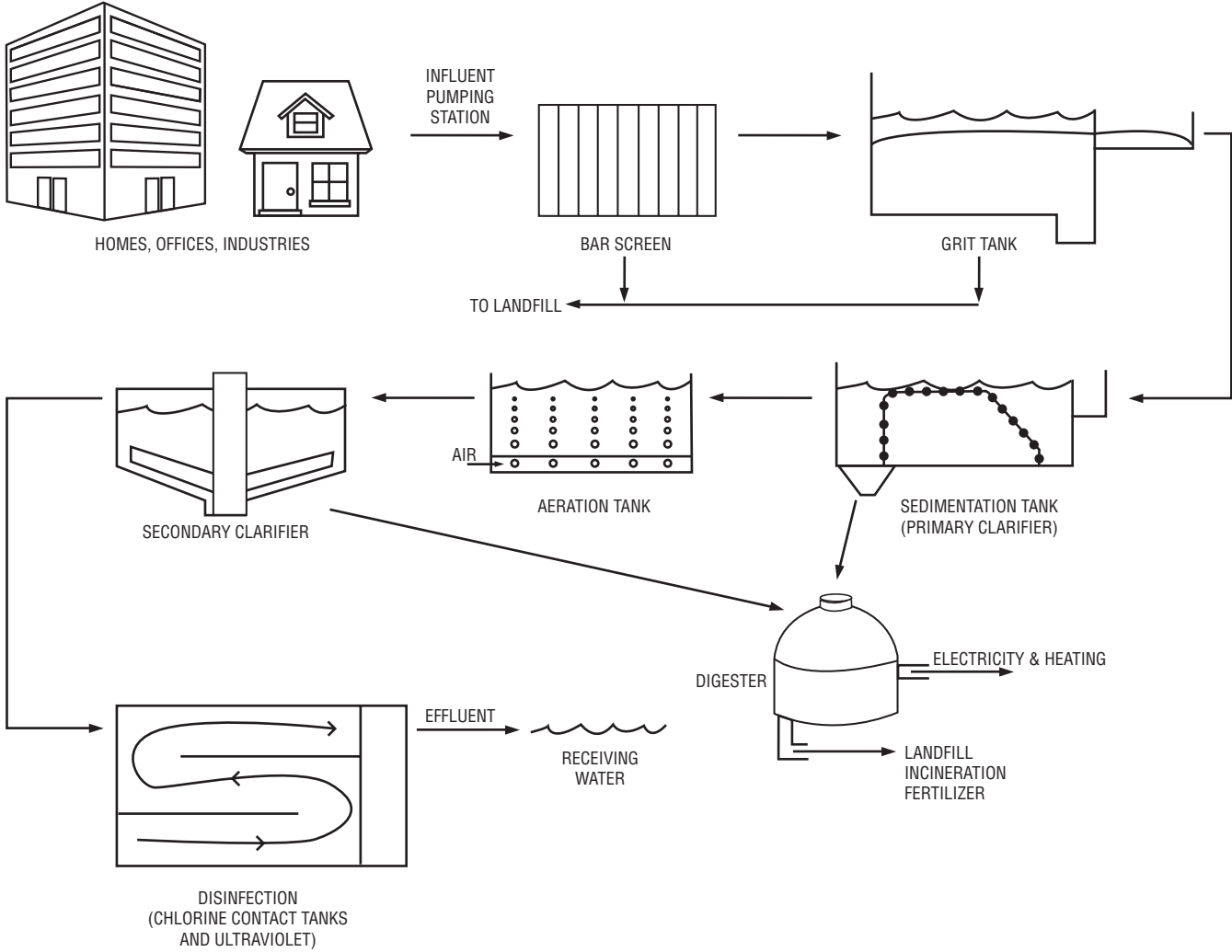
WASTEWATER SYSTEMS

Instrumentation

PRESSURE
FLOW
LEVEL
VALVES



WASTEWATER TREATMENT PLANT & PROCESS



PRODUCTS APPLIED FOR WASTEWATER TREATMENT PLANT & PROCESS

Chemical Treatment Applications

Pressure Monitoring

Pressure Indication

- ▶ TEFG Molded PVDF Pressure Gage
- ▶ PPG Molded Polypropylene Pressure Gage

Level Monitoring

Level Transmitters

- ▶ ULT Ultrasonic Level Transmitter

Flow Monitoring

- ▶ SFI-800 Sight Flow Indicator/Transmitter
- ▶ VAT Variable Area Fluoropolymer Flowmeter
- ▶ LFM Variable Area Polycarbonate Flowmeter
- ▶ UV Variable Area Polysulfone Flowmeter
- ▶ VF Variable Area Acrylic Flowmeter

Valves

- ▶ TBV/TBV2 True Union PVC/CPVC Ball Valves
- ▶ SCV True Union PVC/CPVC Spring Check Valve
- ▶ BCV True Union PVC/CPVC Ball Check Valve
- ▶ FPV PVC Flap Check Valve
- ▶ PBFV PVC/CPVC Butterfly Valve

Pump Control Applications

Flow Proving

Flow Switches

- ▶ V4 Vane Operated Flow Switch

Pressure Monitoring

Pressure Transmitters

- ▶ 626/628 Single Pressure Transmitter
- ▶ EDA Indicating Pressure Switch and Transmitter

Pressure Switch

- ▶ DA Pressure Switch
- ▶ EDA Indicating Pressure Switch and Transmitter

Pressure Indication

- ▶ SGS 4" Stainless Steel Pressure Gage

Wastewater Process Applications

Flow Monitoring

Flow Transmitters

- ▶ PUX Portable Transit Time Ultrasonic Flowmeter
- ▶ UXF1 Fixed Transit Time Ultrasonic Flowmeter

Level Monitoring

- ▶ PBLT2/PBLTX Hydrostatic Level Transmitter

PRODUCTS APPLIED FOR LEVEL SWITCH LIFT STATION APPLICATION

Level Switches: Indicates level in the lift station at specific points.

▶ CFS: Cable Float Switch with counter-weight to adjust pump on/off level



▶ FSW: Cable Float Switch



Pump Controller: To turn on and off the pumps according to the level in the lift station and gives alarm outputs.

▶ FPC-1200 Duplex Alternating Pump Controller with seal failure and over-temperature monitor.



▶ DPC Duplex Alternating Pump Controller



▶ QPC Quadraplex Alternating Pump Controller



▶ PCP Simplex Pump Controller



Seal Failure / Leak Detection: Monitors the seal of submersible pumps to detect water leakage into the seal cavity.

▶ SLD Single Leak Detection Relay



▶ DLD Dual Leak Detection Relay



▶ LDT Dual Leak Detection and Over-Temperature Relay

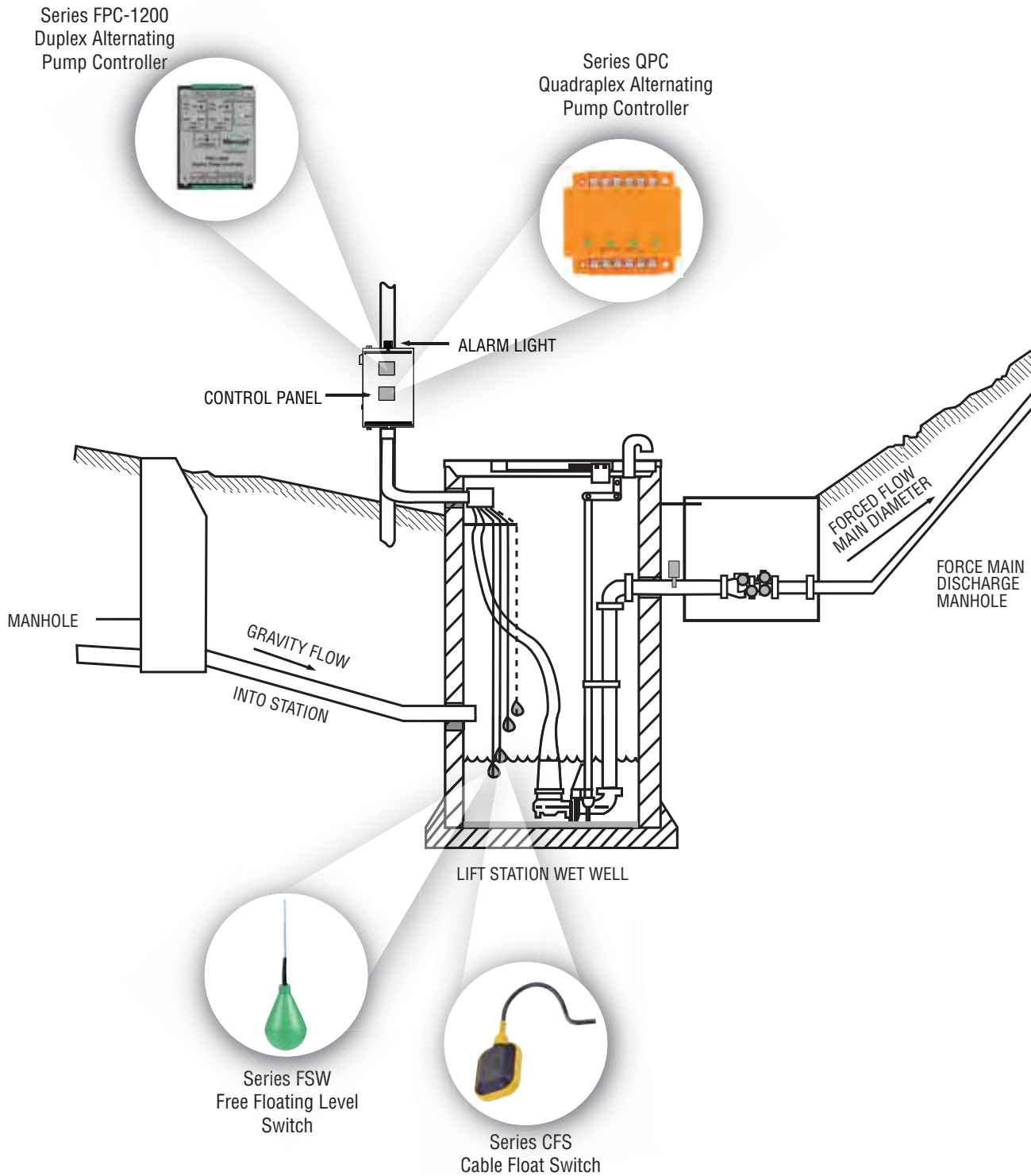


Over-Temperature Detection: Monitors the stator temperature of the pump and turns off the pump if it over heats.

▶ LDT Dual Leak Detection and Over-Temperature Relay



LEVEL SWITCH LIFT STATION APPLICATION



LEVEL TRANSMITTER LIFT STATION APPLICATION

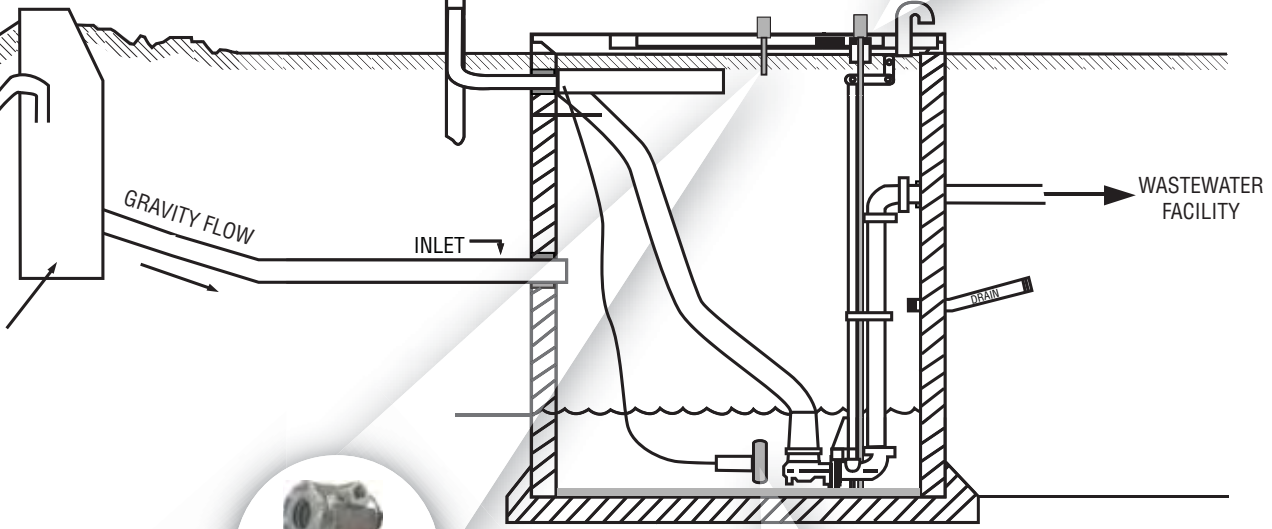
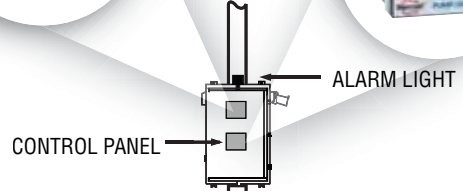
Series MPC
Pump Controller



Series MPC Jr.
Pump Controller



Series CRF2
Capacitive Level
Transmitter



Series ULT
Ultrasonic Level Transmitter



LIFT STATION
WET WELL



Series PBLT2
Submersible Level
Transmitter

PRODUCTS APPLIED FOR LEVEL TRANSMITTER LIFT STATION APPLICATION



Level Transmitter: Indicates level in the lift station with a transmitter output.

- ▶ PBLT2/PBLTX Hydrostatic Level Transmitter
- ▶ CRF2 Capacitive Level Transmitter
- ▶ ULT Ultrasonic Level Transmitter



Pump Controller: Turns on and off the pumps according to the level in the lift station and gives level alarm outputs.

- ▶ MPC Duplex Alternating Pump Controller with seal failure and over-temperature monitor.
- ▶ MPCJR Duplex Alternating Pump Controller



Seal Failure / Leak Detection: Monitors the seal of submersible pumps to detect water leakage into the seal cavity.

- ▶ SLD Single Leak Detection Relay
- ▶ DLD Dual Leak Detection Relay
- ▶ LDT Dual Leak Detection and Over-Temperature Relay

Over-Temperature Detection: Monitors the stator temperature of the pump and turns off the pump if it over heats.

- ▶ LDT Dual Leak Detection and Over-Temperature Relay

Intrinsically Safe Barriers: Provides intrinsically safe isolation for level transmitters approved for location in hazardous areas.

- ▶ MTL5041/5045 Galvanic Isolator
- ▶ MTL7706/7787 Zener Barrier



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Return Service Requested

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PRESSURE
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