

# LifeDist

## HWS

The Hydro LifeDistHWS is a fully automated, skid-mounted, pre-plumbed, pre-wired, and hot water sanitizable distribution system. This compact distribution system is well-suited for pharmaceutical applications requiring USP Purified Water or WFI. This unit is designed to pair seamlessly with the LifeGenHWS RO/EDI generation unit. The system is backed by Warranty and Supported by Hydro 24-Hour service.

### STANDARD FEATURES

Powder Coated Carbon Steel Skid-Mounted Packaged System

High Purity 316L Stainless Steel Plumbing – SF1 with Diaphragm Valves with USP Class VI EPDM Seals

Insulated, Fully Drainable 316L SS ASME Storage Tank with Sanitary Connections. Includes Level Transmitter, Pressure Gauge, Temp Transmitter, and Rupture Disc with Burst Indicator

Sanitary 316L Distribution Pump w/ Automated Pressure Control

Automated Sanitary Shell and Tube Heating and Cooling Exchanger for periodic sanitization

Instrumentation Package with Loop Supply Sanitary Conductivity Sensor and Flow Transmitter with Display, Loop Return Pressure Transmitter and TOC Analyzer

VFD with NEMA 12 and/or 4X kits

UL-Listed Remote IO Panel in 304 SS NEMA 4X Enclosure

Ethernet Communication for Building Automation System (BAS)

Full Engineering Turnover Package (ETOP) with 3D Drawings, PLC and HMI Programs, with Calibration and Material Certs, Weld Logs, 100% Borescopic Examination of Stainless Welds



### OPTIONAL FEATURES

- + Available as a stand-alone system
- + Duplex (Redundant) Pumps
- + Bacteria or TOC Destruct UV Unit(s)
- + Final Filter
- + Fully Automated Ozone Sanitization
- + 316L Stainless Steel SF4 Plumbing
- + PTFE/EPDM Diaphragms
- + Stainless Steel Skid(s)
- + Single Point Power Distribution Panel
- + BACNET/Modbus Communication
- + Validation Packages including FAT, SAT and IQOQ
- + Additional Voltages and Sizes Available
- + Fully customizable to meet customer specification



**Hydro Service & Supplies Inc.**

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