

THE HYDRO LIFE-DIST

Description

The Life-Dist is a fully automated, skid-mounted distribution system designed to pair seamlessly with the Life-Gen RO/DI generation system to support centralized USP Purified Water delivery for pharmaceutical applications.

General Information

Series

CapEx Series

Water Quality

USP Purified Water

Distribution

10 - 50 GPM
(Depending on model)

Applications

Engineered for pharmaceutical, biotech, and other regulated high-purity environments.

Dimensions

112"L × 62"W × 100"H

Storage Capacity

500 – 1,000+ gallons
(depending on model)

Key Features

- Fully automated skid-mounted distribution system
- Bacteria UV (254 nm) with 0.2 µm final filter
- Sanitary 316L SS pump and components
- 316L SS plumbing
- Resistivity and conductivity monitoring
- Touchscreen with VFD options
- Full engineering turnover package with 3D drawings & PLC
- Validation packages (FAT, SAT, IQOQ)

Performance

Resistivity: 18 MΩ·cm @ 77°F

Conductivity: ≤ 1.3 µS/cm @ 77°F

TOC: ≤ 0.5 ppb (feedwater quality dependent)

Bacteria: < 100 CFU/mL

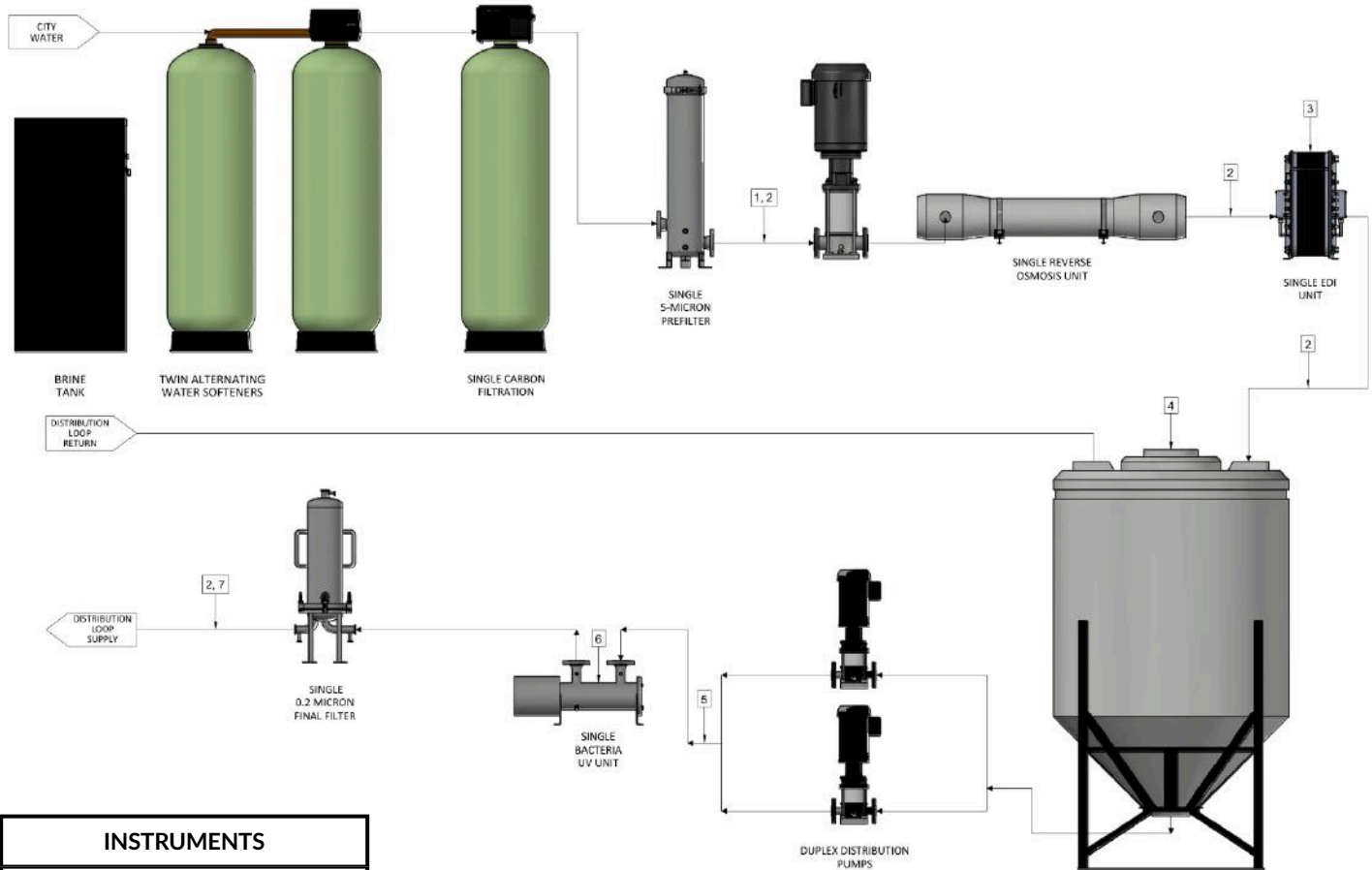


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THE HYDRO LIFE-GEN & LIFE DIST

Flow Diagram



INSTRUMENTS

1 - Flow

2 - Rupture Disc

3 - Differential Level

4 - Temperature

5 - Pressure

6 - Conductivity

7 - UV Intensity