

# THE HYDRO LIFE-GEN

## Description

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

## General Information

### Series

CapEx Series

### Water Quality

USP Purified Water

### Generation

2 - 30 GPM  
(Depending on model)

### Applications

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

### Dimensions

165"L × 70"W × 120"H

### Distribution

Pairs seamlessly with Life-Dist

## Key Features

- Fully automated skid-mounted RO system
- 316 SS high-pressure pump with pharmaceutical RO membranes
- Resistivity and conductivity monitoring
- Color touchscreen control panel
- Clean-in-place ports for easy maintenance
- Full engineering turnover package with 3D drawings & PLC
- Validation packages (FAT, SAT, IQOQ)

## Performance

**Resistivity:** Up to 18 MΩ·cm @ 77°F

**Conductivity:** ≤ 1.3 μS/cm @ 77°F

**TOC:** ≤ 0.5 ppb (feedwater quality dependent)

**Bacteria:** < 100 CFU/mL

**Recovery Rate:** ~75%

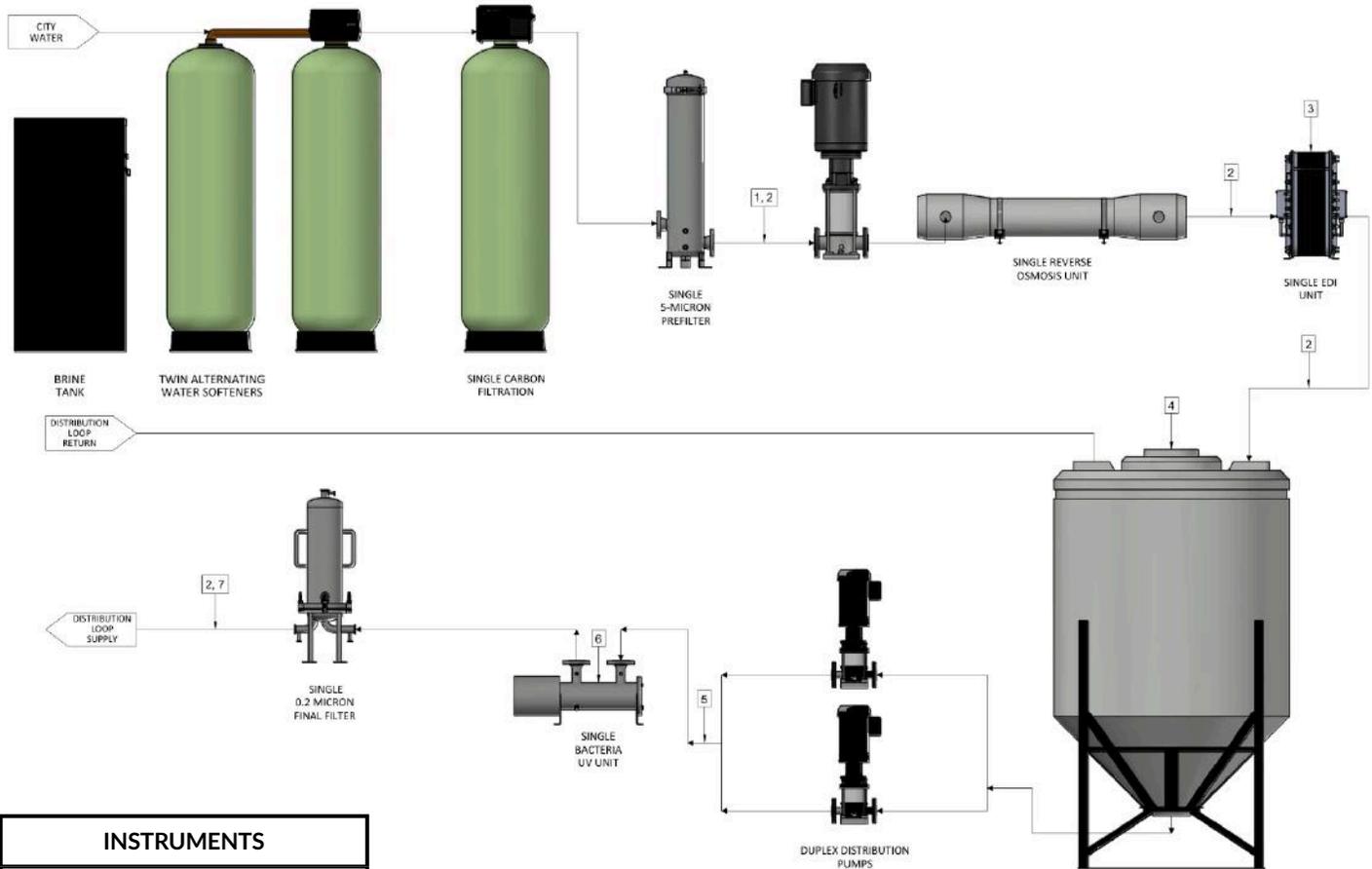


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# THE HYDRO LIFE-GEN & LIFE DIST

## Flow Diagram



### INSTRUMENTS

1 - Flow

2 - Rupture Disc

3 - Differential Level

4 - Temperature

5 - Pressure

6 - Conductivity

7 - UV Intensity