

THE HYDRO PURE-GEN

Description

The Hydro Pure-Gen is a fully automated, skid-mounted reverse osmosis system designed to pair with the Pure-Dist distribution system to support centralized RO and deionized (DI) water production and delivery for laboratory and facility applications.

General Information

Series

CapEx Series

Water Quality

ASTM Type I/II
Reagent Water

Generation

2 GPM - 15 GPM
(depending on model)

Applications

For critical lab use requiring low-TOC ASTM/CAP Type I water and other high-purity applications.

Dimensions

72"L x 38"W x 80"H

Distribution

Pairs seamlessly with the Pure-Dist

Key Features

- Full automated skid-mounted RO system
- Reverse osmosis vessels with 316 SS pump
- 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: ≤ 0.056 μS/cm @ 77°F

TOC: ≤ 50 ppb (feedwater quality dependent)

Silica: ≤ 3 ppb

Recovery Rate: ~75%

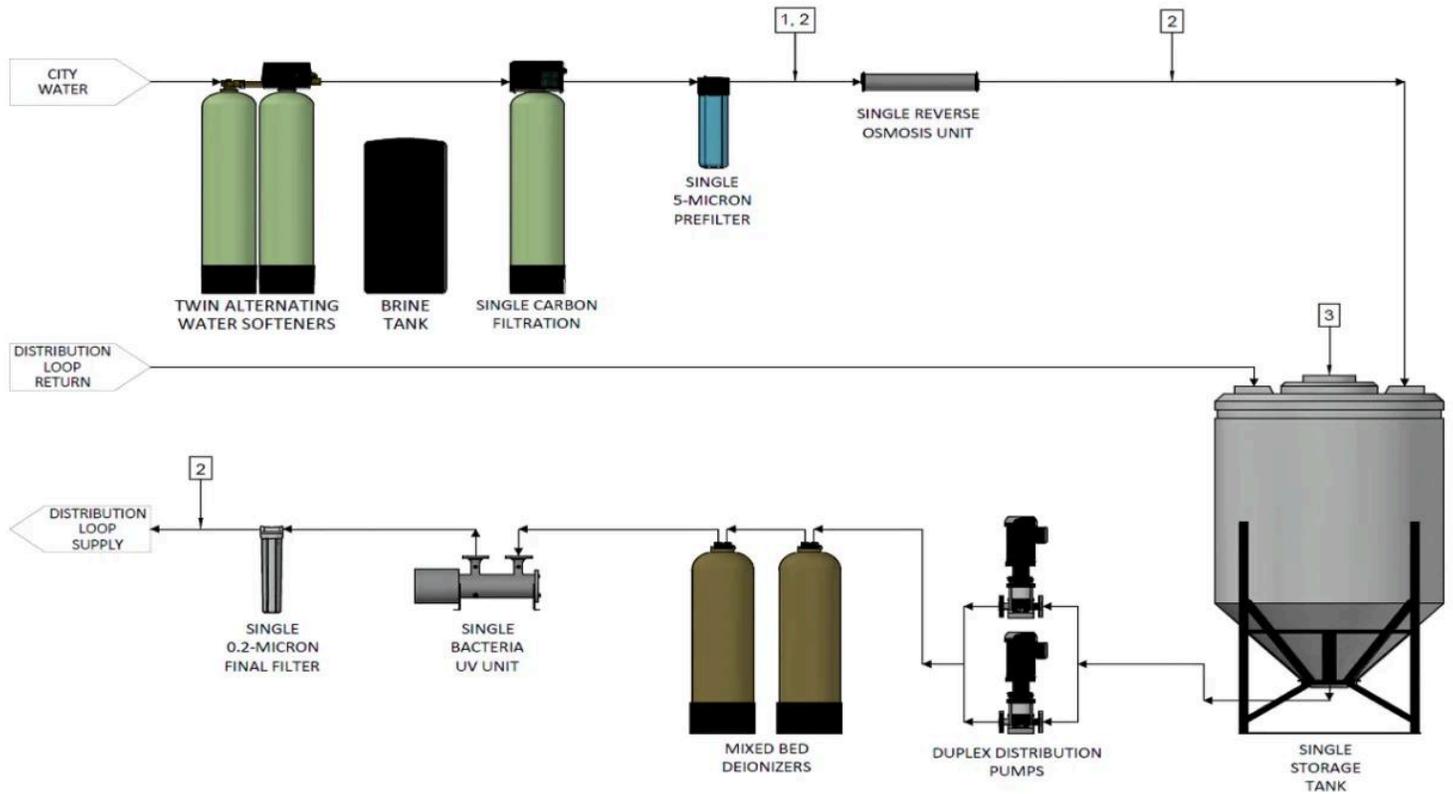


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THE HYDRO PURE-GEN & PURE-DIST

Flow Diagram



INSTRUMENTS

- | |
|-------------------------|
| 1 - Low Pressure Switch |
| 2 - Resistivity |
| 3 - Level |