

# THE HYDRO ELITE



## Description

The Hydro Elite is a skidded, pre-plumbed and pre-wired reverse osmosis system with integrated storage and distribution, designed for space-efficient installation in laboratory and facility environments.

## General Information

### Series

The Elite Series

### Water Quality

Produces ASTM Type I/II  
USP Purified Water

### Distribution

5 GPM, 10 GPM or 15 GPM  
(depending on model)

### Applications

Ideal for clean steam generators,  
humidifiers, autoclaves, and  
laboratory applications

### Dimensions

40"L × 32"W × 90"H

### Storage Capacity

100 gallons

## Key Features

- Skid-mounted carbon steel packaged system
- Carbon and 5-micron pre-filters
- Stainless steel RO vessels and membranes
- UV disinfection with 0.2 µm filter
- Resistivity/conductivity monitoring
- Polyethylene storage tank with level transmitter

## Performance

**Resistivity:** 18 MΩ·cm @ 77°F (25°C)

**Conductivity:** 0.056 µS/cm @ 77°F

**TOC:** ≤ 50 ppb (feedwater quality dependent)

**Bacteria:** ≤ 5 CFU/mL

**Total Silica:** < 0.05 mg/L (50 ppb)

**Generation Flow:** 1460 GPD (1 GPM) @ 77°F or  
2920 GPD (2 GPM) @ 77°F

**Distribution Flow:** 5 GPM, 10 GPM or 15 GPM

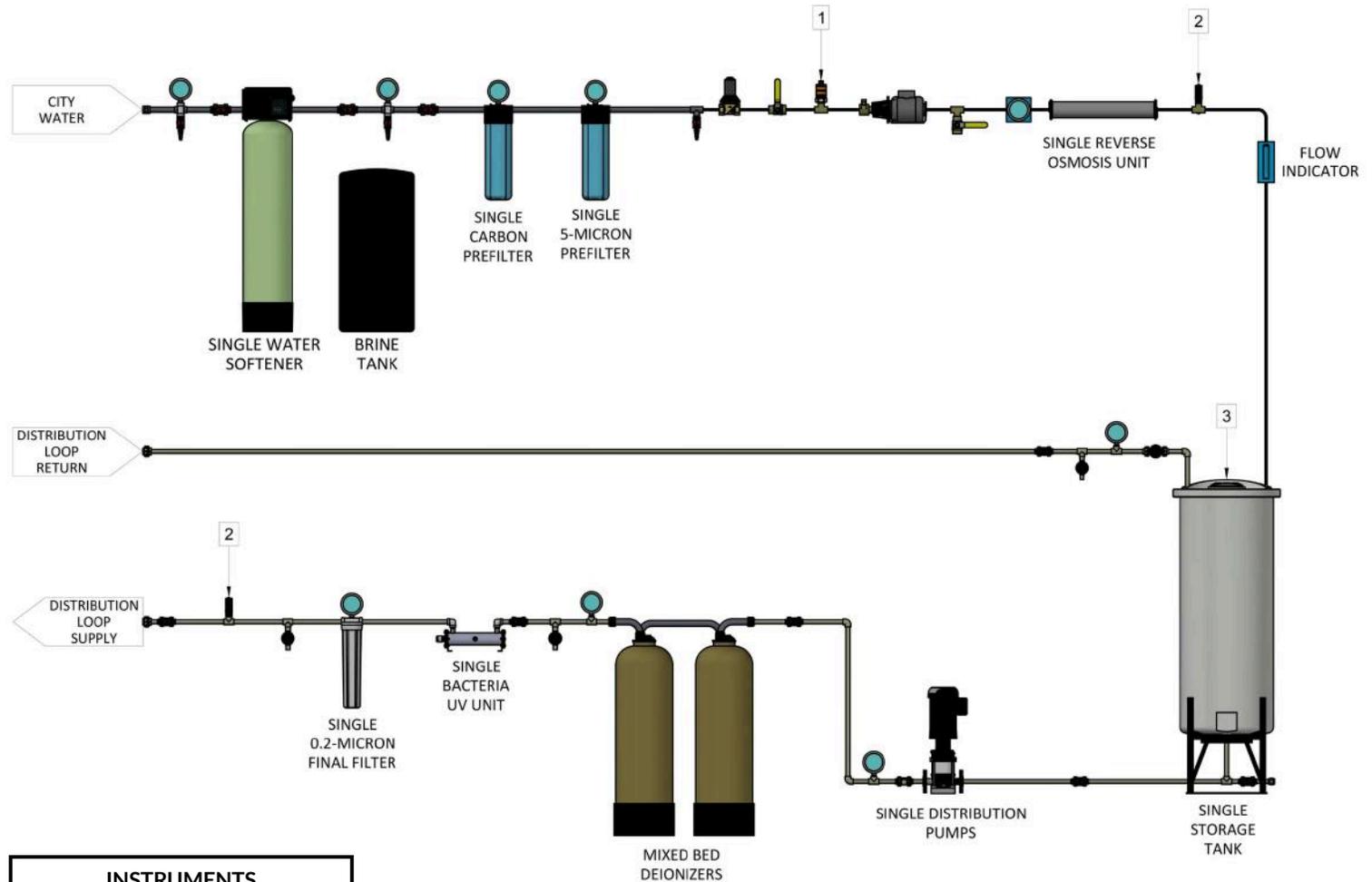


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## Flow Diagram



### INSTRUMENTS

1 - Low Pressure Switch

2 - Resistivity

3 - Level