quicklab 450 Plus

SYSTEM SPECIFICATIONS

PERFORMANCE

RO Production Rate	2 GPM
Recovery Rate	70%
RO Reject Rate	95% - 97%
Water Quality	ASTM Type III
Conductivity	> 4M Ω - cm
TOC	<200ppb µg/L
Sodium	<10 µg/L
Chlorides	<10 µg/L
Total Silica, Max	<500 µg/L

FEEDWATER REQUIREMENTS

Hardness	<150 ppm
Total Chlorine	0.5 ppm max
Silica	<30 ppm
Temperature	1-30 °c

Please ensure feedwater meets the specifications. PPT offers a range of options should it be necessary. Consult the factory with questions.

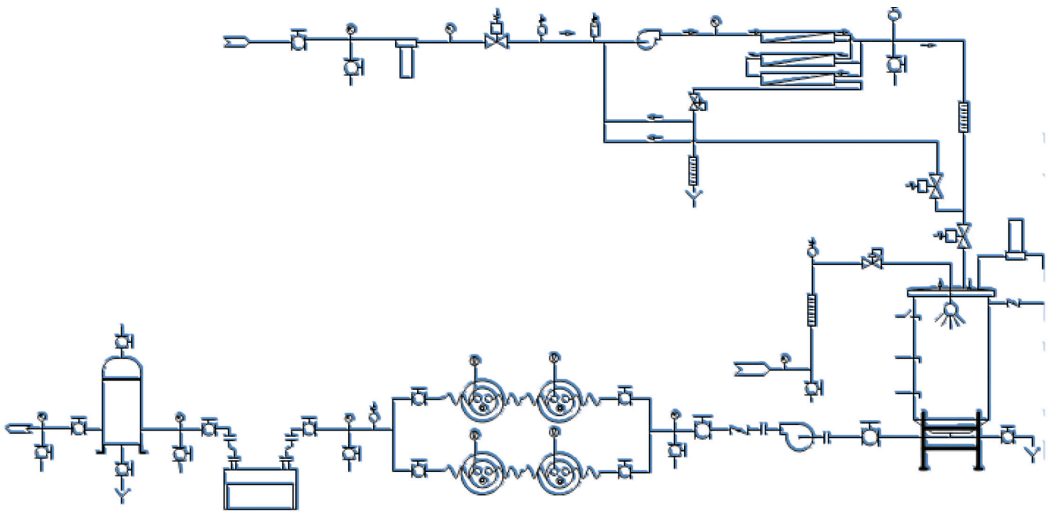
FEATURES

Piping Pre-RO	SCH80 PVC
Piping Post RO	PPL Socket Fusion
Storage Tank	250 Gal. 0.2µ Filter, Spray Ball, Overflow
Distribution Pump	20 GPM @ 50PSI (Max 600' Loop)
UV	254nm, Monitor, Intensity
Final Filter	Multi-Catridge, SS, 0.2µ Filter
Conductivity	Loop Out & Loop Return
Return Piping	Flowmeter, BPR & Gauge



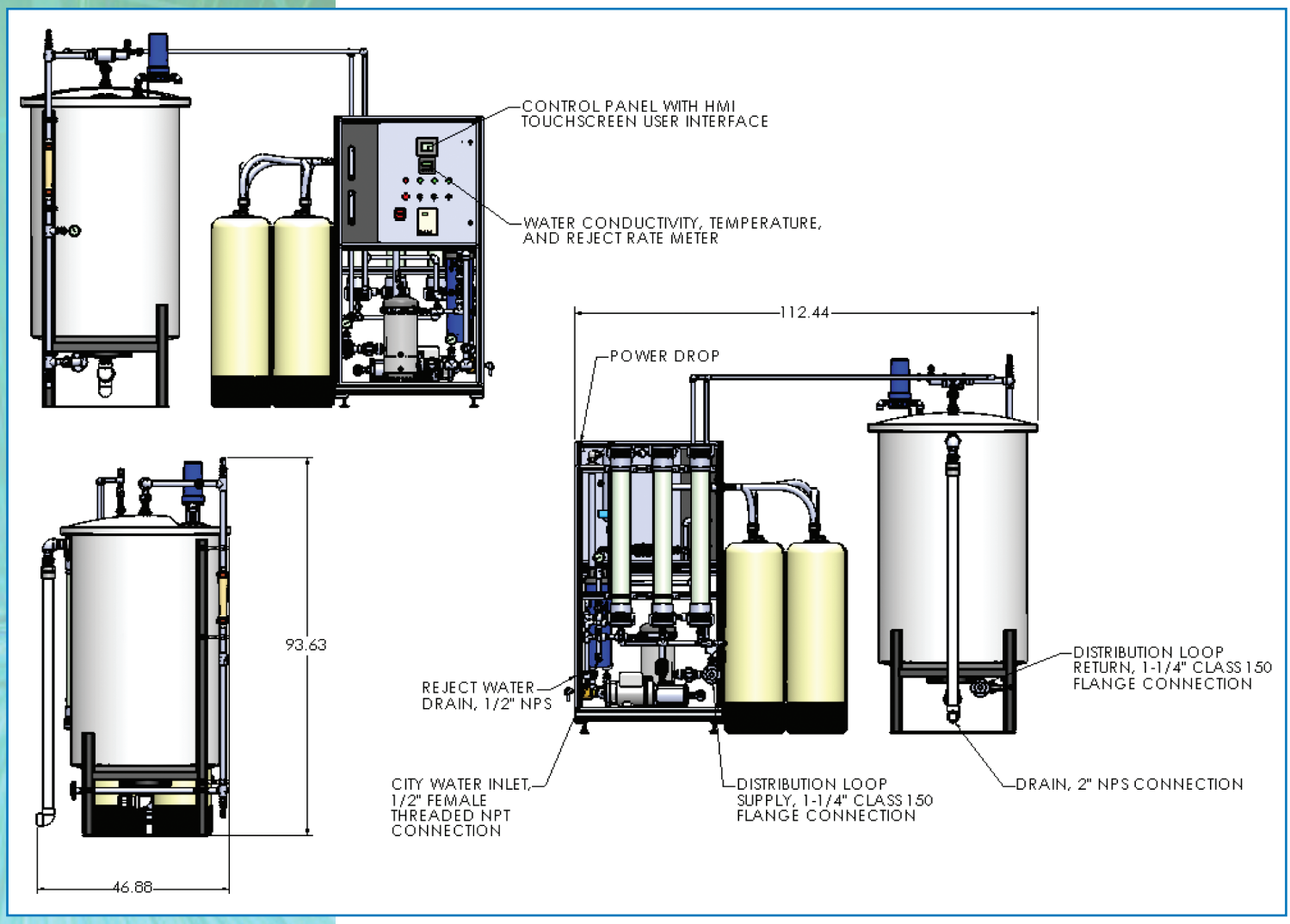
BENEFITS INCLUDE

- ASTM Type III Water Quality
- PLC/HMI Controls (UL listed panel)
- Structural Aluminum Skid Frame
- Hard Piping - No Inferior connections
- High Recovery / Reject Rates
- Small Footprint
- Easy Installation



PPT Pure Process Technology
Purification System Solutions for Your Solvent & Water Needs
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603.598.0691

QuickLab 450 Plus - System Specification



UTILITY REQUIREMENTS

City Water Flow	6 GPM
City Water Pressure	30-60 PSI
Power	480 3p, 15A
Inlet Connection	1/2” NPT
Drain Connection	1 1/2” NPT
Supply Loop Connection	40mm (1 1/4”) PPL Socket Fusion
Return Loop Connection	40mm (1 1/4”) PPL Socket Fusion
Installed Footprint	12’W x 4’D x 7’H

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