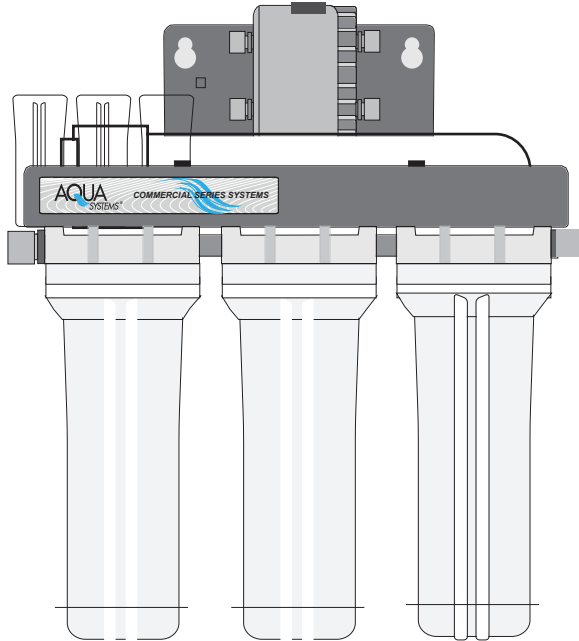


# LIGHT COMMERCIAL RO SYSTEMS

## AQLP RO SYSTEM



AQLP 100 w/ Permeate Pump shown

### Standard Features:

- 100 gpd TFC Membrane
- 5 Micron Sediment Prefilter
- 2 Carbon Prefilters
- Can Produce up to 100 GPD\*
- Suitable for Chlorinated Water
- Automatic Shut Off
- Permeate Pump (p pump model) increases production and rejection rate
- Replaceable Membrane Element
- 3/8" Feed and Product Connections
- 1/4" Drain Connection (3/8" on Permeate Pump model)
- White with Black Trim
- Compact System - 17" W x 18" H x 6.5" D

### Optional Features:

- 10 to 45 Gallon Pressurized Storage Tanks
- Add Booster Pump - Production up to 130 GPD (est)
- Solenoid Shut Off
- Delivery Pump
- Carbon Post Filters
- pH Neutralizing Filter

### Optional Pressure Tanks Available

Tank Model	Dia. x Ht.	Capacity**
WR-60	16" x 29"	10 Gal.
WR-100	21" x 27.75"	16 Gal.
WR-140	21" x 36.25"	24 Gal.
WR-260	21" x 48"	45 Gal.

## PRODUCT SPECIFICATIONS (per unit)

Model	Filters	Membrane	Tank Fill Production	Rejection	Concentrate	Full Storage Tank Pressure
AQLP 100 w/ ASO	3	TFC-100	Varies w/ Feed Pressure	up to 96.5%	up to 150 GPD	66% of Feed Pressure
AQLP 100 w/ Permeate Pump	3	TFC-100	up to 5x Faster at same Pressure	up to 99.5%	up to 150 GPD	Near 100% of Feed Pressure

Note: Using a permeate pump increases tank fill production (up to 5x faster) over the non permeate pump model by eliminating back pressure on the membrane product port. This also increases the rejection rate (quality) of the product water and the pressure in a full storage tank.

### ADDITIONAL OPERATING INFORMATION

Not intended to be used to treat water that is Microbiologically unsafe or of unknown quality. Installation must comply with all state and local codes.

To sanitize system after installation or service consult owner - operator manual

Operating Water Temperature Range      Max 85°F      Minimum 40°F  
 Operating Ambient Temperature Range      Max 100°F      Max 100°F

Operating Pressure Range      Max 100 psi      Minimum 30 psi

\* Membrane production varies due to feed water pressure, feed water temperature, and feed water TDS (total dissolved solids). Rating is based on 65 psi feed, 77° F feed temperature, and 500 ppm TDS.

\*\* Capacity based on minimum pre charge and filled to 60 psi.



Aqua Systems Commercial & Industrial • 114 Vista Parkway • Avon, Indiana 46123  
 317-272-6715 • 800-997-5492 • Fax 317-272-6728  
 www.aquasystemsci.com • e-mail: commercialindustrial@aquasys.biz