



Water Treatment Systems

Commercial Series Water Softening Systems

At Washworld, we manufacture our Commercial Series Water Softening Systems for the car wash professional. Our twin alternating softeners provide consistent soft water based on water usage, not time in service. Washworld provides water treatment systems that are designed to out-perform and out-last any system available.

Spot Free Reverse Osmosis System

Every Washworld® Premium Series Spot Free (Reverse Osmosis) System is manufactured for maximum efficiency. Washworld systems begin where most end. Features include activated carbon pre-filter, 5 micron melt blown cartridge style filter, and thin film high efficiency membranes in stainless steel housings. The system also includes integrated, electronically monitored low level and low pressure protection. Let Washworld build a softening system tailored to your car washing needs.

SPOT FREE RO STANDARD FEATURES

- 2400, 4800 or 7200 GPD Systems (Based on 54°F Incoming Water Supply)
- 4"x 40" Thin Film High Efficiency Membranes
- Audible and Visual Alerts/Alarms
- Continuous Electronic TDS (Totally Dissolved Solids) Monitoring
- Activated Carbon Pre-Filter Tank with Programmable Automatic Backwashing
- High Velocity RO Controller Displays System Sensor and Switch Status on an Easy to Read, Backlit Display
- Programmable Set Points Provide Fast, Easy Parameter Adjustments
- Large Diameter, Easy to Read Inlet, Pump and Membrane Pressure Gauges
- Durable Extruded Stainless Steel Membrane Housings
- ETL/ETLc Approved, CE Compliant
- Automatic Inlet Water Shut-Off Valve
- Permeate (Product) and Concentrate (Reject) Flow Meters
- Programmable Automatic Membrane Flushing
- Easily Replaceable 2.5" x 20" Cartridge Style Pre-Filters on All Systems
- Programmable Low Pressure Automatic Restart



SPOT FREE RO OPTIONS

- Water Storage Tanks (UV Rated)
- Re-Pressurization Pumps with Mounting Brackets

SPOT FREE RO SPECIFICATIONS

Model	WW 2110	WW 2111	WW 2112
Gallons Per Day	2400	4800	7200
No. of Membranes	1	2	3
Pump H.P.	3/4 HP	1 HP	1-1/2 HP
Electrical Required	230 VAC 1 Phase 7.5 Amps and 120 VAC 1 Phase 15 Amps	230 VAC 1 Phase 9.5 Amps and 120 VAC 1 Phase 15 Amps	230 VAC 1 Phase 11 Amps and 120 VAC 1 Phase 15 Amps

WATER SOFTENING SYSTEMS STANDARD FEATURES

- Systems from 32,000 Grain Capacity (Single Tank) to 600,000 Grain Capacity (Twin Alternating)
- Twin Alternating Systems Provide Continuous Soft Water 24/7
- Osmonics Magnum Series Valves
- Professional Series Resin Tanks
- Incoming Operating Water- Pressures from 30 -100 PSI
- Incoming Operating Water Temperatures from 35°F - 100°F
- ETL/ETLc Approved, CE Compliant
- Simple, Fully Programmable Controller Maximizes Efficiency and Reduces Operating Costs
- Retains Custom Program Settings in the Event of Power Interruption
- Brine Tanks Sized to Match System Requirements
- Electronic Control Interlock for Multiple Tank Synchronization
- Space Saving Footprint
- Noryl® Composite Valve Body Eliminates Corrosion
- PVC Hub and Lateral Distribution System

WATER SOFTENING SYSTEMS OPTIONS

- Iron Filtration
- Custom, Tri-Plex or Over-Sized Systems to Meet Your Specific Site Needs

WATER SOFTENING SYSTEM SPECIFICATIONS

Model	Type	System Grain Capacity	Peak Flow	Cu. Ft. of Resin
WW 2100T-1	Twin Alternating	60K	14 GPM	2
WW 2101T-1	Twin Alternating	150K	17 GPM	5
WW 2102T-12	Twin Alternating	180K	33 GPM	6
WW 2103T-15	Twin Alternating	300K	62 GPM	10
WW 2104T-15	Twin Alternating	420K	62 GPM	14
WW 2105T-2	Twin Alternating	300K	85 GPM	10
WW 2106T-2	Twin Alternating	420K	85 GPM	14

Note: Specifications Subject to Change Without Notice.

