

# TS–SERIES TWIN WATER SOFTENING SYSTEMS

**AXEON® TS–Series Twin Water Softening Systems** produce an uninterrupted service of softened and treated water 24 hours a day, seven days a week from hard municipal or well water sources. These water softener systems offer softening capacities between 15,000 and 360,000 grains with flow rates up to 50 GPM. One added benefit is the system's flexibility so that each of the tanks utilize 100% of their capacity.



## FEATURES

- Solid-State Microprocessor Twin Control
- LED Backlit Display Screen
- Meter Monitors and Self-Adjusts Regeneration Cycles Based on Water Use Trends
- Easily Programmed for Optimum Performance
- Extended Lithium Battery 48-Hour Power Backup
- Flexible “Adjustable Cycle Sequence” Programming — Saves Salt and Water
- Day-Of-The-Week Controls
- Regeneration Can Be Triggered Immediately
- Advanced History and Diagnostic Screens
- Integrated Pretreatment Lockout Contacts
- Brine Tank With Float Assembly and Salt Grid
- Heavy-Duty Riser Pipe With Upper and Lower Screens
- 8% High Capacity Cross-Link Ion Exchange Resin
- Service Alarms
- Optional AC 220V Adapter– (P/N:212200)

## BENEFITS

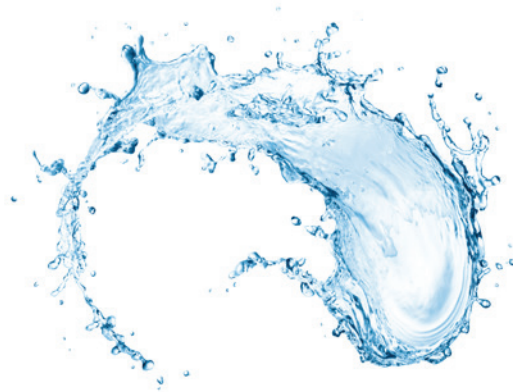
- Unlimited Supply of Soft Water 24/7
- Effectively Removes Water Hardness
- Softens Water Using Minimal Salt and Water
- Extends Life of Fixtures, Plumbing and Appliances

## APPLICATIONS

- Residential
- Convenience Stores
- Restaurants and Bars
- Power Washing
- Laundromats
- RO Pretreatment
- Car Washes
- Boiler Feeds

# TECHNICAL SPECIFICATIONS

Part Number	212158	212159	212160	212161	212217	212162	212163
Model	TS-50-0064-100	TS-50-0080-100	TS-50-0120-100	TS-50-0160-100	TS-51-0200-125	TS-51-0240-125	TS-52-0360-150
Valve Model	Clack i510	Clack i510	Clack i510	Clack i510	Clack i512	Clack i512	Clack i515P
Valve Type	Meter	Meter	Meter	Meter	Meter	Meter	Meter
Auxiliary Relay Included	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Voltage	(2) 110 V	(2) 110 V	(2) 110 V	(2) 110 V	(2) 110 V	(2) 110 V	(2) 110 V
Plumbing Connection	Bypass / 1" MPT	Bypass / 1" MPT	Bypass / 1" MPT	Bypass / 1" MPT	Bypass / 1.25" MPT	Bypass / 1.25" MPT	1.5" MPT
Drain Connection	5/8" Barb	5/8" Barb	5/8" Barb	5/8" Barb	5/8" Barb	1" MPT	1.5" MPT
Media Tank Size / Color	(2) 9x48 Black	(2) 12x52 Black	(2) 16x53 Black	(2) 16x65 Black	(2) 18x65 Natural	(2) 21x62 Natural	(2) 24x72 Natural
Approximate Capacity	64,000 GPG	80,000 GPG	120,000 GPG	160,000 GPG	200,000 GPG	240,000 GPG	360,000 GPG
Media Type / Pounds	Gravel 20 Lbs	Gravel 40 Lbs	Gravel 80 Lbs	Gravel 80 Lbs	Gravel 100 Lbs	Gravel 200 Lbs	Gravel 300 Lbs
Media Type/ Cubic Feet	8% Cation Resin 2 CF	8% Cation Resin 4 CF	8% Cation Resin 6 CF	8% Cation Resin 8 CF	8% Cation Resin 10 CF	8% Cation Resin 12 CF	8% Cation Resin 18 CF
Media Funnel Included	Media Loaded	Media Loaded	Media Loaded	Media Loaded	Yes	Yes	Yes
Brine Tank Size / Color	16x33 Black	18x33 Black	18x40 Black	18x40 Black	24x40 Black	24x40 Black	24x50 Black
Design Service GPM	1-8	2-15	4-25	4-25	5-30	7-30	10-39
Estimated Peak GPM	15	23	25	25	34	34	50
DLFC Backwash GPM	2.2	3.2	6.5	6.5	7.5	11	15
Height Inches	57"	61"	61"	74"	75"	77"	87"
Weight Dry / Pounds	195 Lbs	325 Lbs	515 Lbs	660 Lbs	890 Lbs	1125 Lbs	1730 Lbs



Note: Manufacturer recommends the use of coarse salt in these water softeners. These water softeners are not intended to be used for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

800-320-4074

AXEONwater.com

