

WS–SERIES SINGLE WATER SOFTENING SYSTEMS

AXEON® WS–Series Water Softening Systems use advanced ion exchange resin technology in order to treat the most demanding water conditions. These systems are designed for reliability, minimal maintenance and comply with all industry standards.

FEATURES

- Solid-State Microprocessor 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
- Heavy-Duty Fiberglass Tank
- Brine Tank With Float Assembly and Salt Grid
- Heavy-Duty Riser Pipe With Upper and Lower Screens
- 8% Cross-Link Ion Exchange Resin
- Service Alarms
- Optional AC 220V Adapter–(P/N:212200)



BENEFITS

- Removes Water Hardness
- Softens Water Using Minimal Salt and Water
- Extends Life of Fixtures, Plumbing and Appliances



TECHNICAL SPECIFICATIONS

Part Number	212170	212171	212172	212173	212216	212174	212175
Model	WS-50-0032-100	WS-50-0040-100	WS-50-0060-100	WS-50-0080-100	WS-51-0100-125	WS-51-0120-125	WS-52-0180-150
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	110 V	110 V	110 V	110 V	110 V	110 V	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	9x48 Black	12x52 Black	16x53 Black	16x65 Black	18x65 Natural	21x62 Natural	24x72 Natural
Approximate Capacity	32,000 GPG	40,000 GPG	60,000 GPG	80,000 GPG	100,000 GPG	120,000 GPG	180,000 GPG
Media Type / Pounds	Gravel 10 Lbs	Gravel 20 Lbs	Gravel 40 Lbs	Gravel 40 Lbs	Gravel 50 Lbs	Gravel 100 Lbs	Gravel 150 Lbs
Media Type/ Cubic Feet	8% Cation Resin 1 CF	8% Cation Resin 2 CF	8% Cation Resin 3 CF	8% Cation Resin 4 CF	8% Cation Resin 5 CF	8% Cation Resin 6 CF	8% Cation Resin 9 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	105 Lbs	170 LBS	265 Lbs	340 Lbs	450 Lbs	575 Lbs	880 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

