

# CLACK WS1SP SOLAR POWERED CONTROL VALVE

RESIDENTIAL WATER SOFTENERS AND FILTERS

## THESE PREMIUM CARBON FILTERS & WATER SOFTENING SYSTEMS PROVIDE THE FOLLOWING:

- Carbon for Taste & Odor removal due to Chlorine/ Chloramines & VOC
- Carbon for Cleaner, safer, better tasting water throughout the home
- Softener for Spotless dishes, glassware, tile & faucets
- Softener for Soap and shampoo richer lather and cleaner rinse
- Softener for Softer laundry and reduced detergent usage
- Reduced staining on kitchen and bathroom sinks and tubs
- Reduce wear and tear and maintenance requirements on water appliances
- Better tasting water for drinking, cooking and ice cubes
- Several media types available to meet treatment goals

## CLACK WS1SP SOLAR POWERED CONTROL VALVE SPECIFICATIONS:

- Solar panel or AC adapter recharges (6) "AA" re-chargeable Nickel Hydride Batteries
- Service flow 27 gpm, backwash flow 15 gpm with meter and bypass installed
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until net regeneration, volume remaining, current flow rate and total volume used (totalizer) and Tank In Service indication
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential



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- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining, slow rinse, second backwash, fast rinse, refill, and downflow service
- Coin Cell Lithium battery back-up with 8 hour carry over
- Backwash and brining ability to 21" diameter tanks
- Downflow or upflow brining regeneration
- Treated/Soft water post fill and regeneration
- Reliable and proven DC motor, seal spacer stack and piston



## OPTIONAL SYSTEMS: SELECT BEST SYSTEM FOR YOUR APPLICATION

Control Valve: Clack WS1SP (Maximum Flow 28 GPM)

Part #	CONTROL VALVE	SOFTENING CAPACITY	RESIN (CF)	TANK SIZE	OVERALL HEIGHT	BRINE TANK SIZE	SHIPPING WEIGHT (LBS)
001WS1SOLAR24	WS1SP TC/Meter	24k	.75	8"x44"	52"	18"x33"	70
001WS1SOLAR32	WS1SP TC/Meter	32k	1.0	9"x48"	56"	18"x33"	85
001WS1SOLAR48	WS1SP TC/Meter	48k	1.5	10"x54"	62"	18"x33"	115
001WS1SOLAR64	WS1SP TC/Meter	64k	2.0	13"x54"	62"	18"x40"	182

Part #	CONTROL VALVE	CARBON CAPACITY (CF)	TANK SIZE	OVERALL HEIGHT	BACKWASH FLOW (GPM)	SHIPPING WEIGHT (LBS)
001WS1MSOLAR.75	WS1SP Metered	.75	8"x44"	52"	3.5	70
001WS1MSOLAR1.0	WS1SP Metered	1.0	9"x48"	56"	4.0	85
001WS1MSOLAR1.5	WS1SP Metered	1.5	10"x54"	62"	5.0	115
001WS1MSOLAR2.0	WS1SP Metered	2.0	13"x54"	62"	8.0	182

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