



# WATER TREATMENT SYSTEMS



## Water Softening Systems:

- Service flow up to 27gpm
- Demand initiated regeneration = Save water and up to 40% in salt usage
- Solid state microprocessor with easy access front panel settings
- Fully programmable regeneration cycle sequence
- Programmable regeneration cycle times
- Downflow/upflow regeneration
- Control valve design provides optimum service and backwash rates
- Pre or Post soft/treated water regenerant refill
- Reliable and proven DC drive
- Salt or potassium regeneration
- Sized for efficiency and dependability

[www.waterworksiowa.com](http://www.waterworksiowa.com)

## KEY BENEFITS TO SOFT WATER:



- Water appliances and fixtures will last longer
- Eliminates scale build-up that kills appliances and destroys fixtures
- Increases the life and color of clothing
- No hard water minerals to wear fabrics and naturally softens clothing
- All soap usage will be reduced by 2/3
- Cutting down on cleaning supplies and soaps = monthly savings

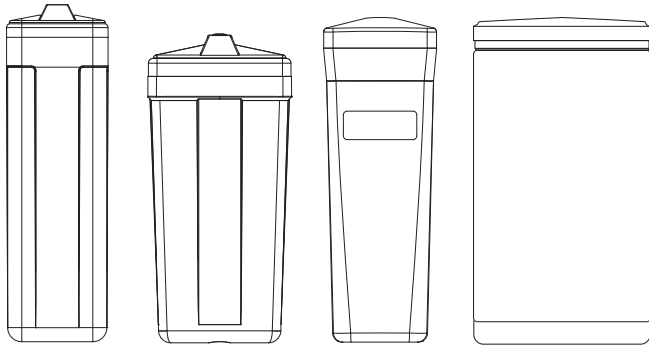


# “The Better Water People” Collection



## Heartland - 1” Series Water Softening Systems

Single Tank Model	Model #	Grains Capacity 6 lbs/cu ft	Grains Capacity 10 lbs/cu ft	Grains Capacity 15 lbs/cu ft	Resin (cu ft)	Mineral Tank	SVC (Service) Flow Rate	Backwash Rate
<b>Heartland Valve</b>  	<b>Single Tank Models with 1” Standard Distributor and Brine Tank</b>							
	WWH1-24D-1	15,000	18,750	22,500	0.75	8 X 44	2.5 gpm	1.7 gpm
	WWH1-32D-1	20,000	25,000	30,000	1	9 X 48	5 gpm	2.2 gpm
	WWH1-40D-1	25,000	31,250	37,500	1.25	10 X 44	6 gpm	2.7 gpm
	WWH1-48D-1	30,000	37,500	45,000	1.5	10 X 54	7.5 gpm	2.7 gpm
	WWH1-64D-1	40,000	50,000	60,000	2	12 X 52	10 gpm	3.2 gpm
	WWH1-80D-1	50,000	57,500	75,000	2.5	13 X 54	12.5 gpm	4.2 gpm
	<b>Single Tank Models with 1” Turbulator Backwash and Brine Tank</b>							
	WWH1-24T-1	15,000	18,750	22,500	0.75	8 X 44	2.5 gpm	2.2 gpm
	WWH1-32T-1	20,000	25,000	30,000	1	8 X 44	5 gpm	2.2 gpm
	WWH1-40T-1	25,000	31,250	37,500	1.25	9 X 48	6 gpm	2.7 gpm
	WWH1-48T-1	30,000	37,500	45,000	1.5	10 X 44	7.5 gpm	23.2 gpm
	WWH1-64T-1	40,000	50,000	60,000	2	10 X 54	10 gpm	3.2 gpm
	WWH1-80T-1	50,000	57,500	75,000	2.5	12 X 52	12.5 gpm	4.2 gpm



### MINERAL TANK AVAILABLE COLORS:

Black, Natural, Blue, Grey  
Mineral tank jackets are available upon request.

### BRINE TANK AVAILABLE COLORS:

Black, Almond, Blue, Platinum

### BRINE TANK AVAILABLE SIZES:

**Square/Rectangular:** 11x11, 14x34, 15x17, 15x15  
**Round:** 16x40, 18x33, 18x36, 18x40

### Heartland Valve Benefits

- Backlit screen for easy troubleshooting
- Blue=Normal  
Yellow=Programming Mode or Salt Alarm  
Red=Major Error
- Allows for downflow and upflow (not field changeable)
- Displays are in English or Spanish
- Up to three relay options
- Ability to add Dealer names and contact information on screen
- Battery time back up (keeps clock accurate in power outage)
- Learn one set of programming: one board is used for 1”, 1.25”, 1.5”



### Heartland - 1” Series Valve Specifications

Inlet/Outlet ..... 3/4” to 1.5” NPS Adapter  
Cycles..... up to 6  
Valve Material..... Fiber Reinforced Composite  
Regeneration..... Downflow/Upflow  
**Operating Pressures**  
Minimum/Maximum ..... 20 psi - 125 psi  
**Operating Temperatures**  
Minimum/Maximum ..... 40° - 110°F

### Performance Insurance

All Waterworks water softeners may be ordered with optional salt grid to virtually prevent salt bridging, as well as 10% crosslinked resin to extend softener life on chlorinated applications.