

REV 4

HIGH EFFICIENCY SOFTENING SYSTEMS



Rev 4 HE (High Efficiency) Softening Systems

Hankschaft Runxin's Rev 4 High Efficiency Softening Systems use advanced calculations and the highest quality media to minimize water and salt usage while maximizing cleaning capacity per regeneration. The valves are designed with high flow rates to handle most residential or light commercial applications and feature innovative, patented ceramic disks for ultimate performance and reliability. These ceramic disks are abrasion and corrosion resistant, extending the life of the valve and significantly reducing maintenance costs.

The Rev 4 valves within these systems have seven advanced programming options with fully adjustable cycles to minimize water usage during regeneration. They utilize up-flow regeneration which efficiently washes the media, exchanging more grains per pound of salt. Rev 4 valves have signal output for external devices, program functions that remain in long-term memory, and 72-hour memory backup should a power outage occur, giving you the confidence that you are receiving a cost-effective, high-quality water treatment solution.

Rev 4 HE Softening Systems Feature:

- Patented ceramic disks that are corrosion and abrasion resistant for longer life and reduced maintenance
- Multiple, programmable efficiency settings; grains exchanged per lb. of salt
- Bright, easy to read LCD display
- Long-term memory for program functions
- 72-hour memory backup
- No external PLC required to operate multiple control heads or external devices
- High-quality, inert core crosslink resin; ideal for well applications
- 4 language options: English, Spanish, Chinese, and French

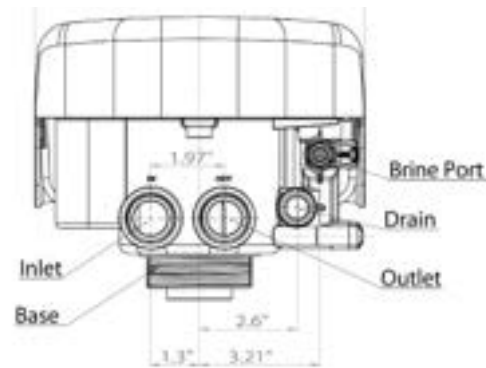
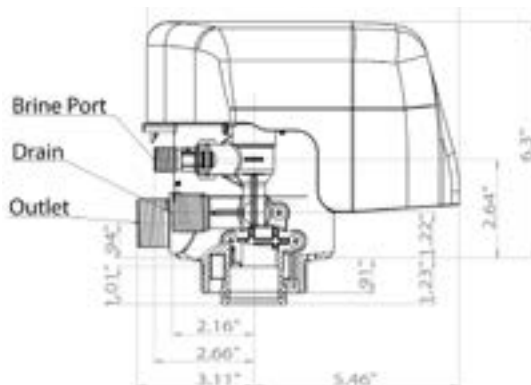


This valve is Tested and Certified by NSF International against NSF/ANSI Standard 44 for materials and structural integrity requirements



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System Specifications

System Size*	Draw Rate	Flow Rate From Certified System **	Slow Rinse Rate	Brine Refill Rate***	Backwash/Fast Rinse Rate***
9x48	0.56 gpm	16 gpm	0.34 gpm	0.30 gpm	2.02 gpm
10x44	0.56 gpm	17 gpm	0.34 gpm	0.39 gpm	2.86 gpm
10x54	0.56 gpm	18 gpm	0.34 gpm	0.39 gpm	2.86 gpm
12x52	0.84 gpm	20 gpm	0.44 gpm	0.83 gpm	4.22 gpm

*Additional sizes available.

**Flow rate at 15 psi drop.

***Multi-flow control options available.

Electrical/Operational Specifications

Control Valve		Working Conditions	
Transformer Input	100 - 240VAC / 50-60Hz	Water Pressure	20 - 120 psi
Transformer Output	12VDC / 2A	Water Temperature	35°F - 125°F
Valve Wattage	24W	pH Level	7.5 ± 0.5

Control Valve Parameters

Inlet	Outlet	Drain	Brine	Base	Riser Tube	Hard Water Bypass
1"	1"	1/2" Barbed	3/8"	2.5" - 8NPSM	32mm	Yes

Additional Specifications

Valve Material	Tank Material	Valve Height From Top of Tank	Meter Accuracy	Weight
ABS Plastic	Fiberglass	6.10" / 155mm	±5%	1.69 kg / 3.73 lbs.