

Descaling Systems

The most innovative and advanced descaling system in the industry.



Most advanced descaling system for residential and light commercial use.

Hankscraft Runxin's Descaling Systems are an environmentally-friendly alternative to salt-based water softening systems. They are salt-free, chemical-free, and use no electricity to condition supply water. They are ideal for residential and light commercial applications where traditional soft water is not permitted.

Descaling systems from Hankscraft Runxin use a high-quality, anti-scale media that keeps essential minerals in water to maintain taste, but changes the properties of minerals that become hardness scale via NAC processes so they do not attach to plumbing, fixtures, and appliances. Continuous upflow operation eliminates the need for backwash and regeneration processes.

For the media to work to its maximum potential, there are water quality parameters that need to be adhered to. Confirm that the levels of iron (Fe) are less than 0.5 mg/L, manganese (Mn) less than 0.05 mg/L, and copper less than 1.3 mg/L. Public water supplies rarely present a problem; you can check with your municipality to verify the water quality is under these levels. If you have a private well, have the water tested by a certified water specialist to verify the levels of each contaminant.

Descaling Systems Feature:

- Salt-free, chemical-free descaling
- For indoor, covered, and outdoor applications
- Easy installation
- Low maintenance
- 72-hour memory backup
- High-quality scale prevention media
- Media has a 3-5 year shelf life, depending on water quality
- Continuous upflow operation, eliminating the need for media backwash and regeneration
- Cleans previous scale buildup from plumbing
- No increased salt content and is safe for watering plants and lawns
- Works with all plumbing types



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

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Water Impurities

Max. Hardness (SI)	1,338 ppm (mg/l)
Max. Hardness (US)	75 gpg
Max. Salinity	35,000 ppm (mg/l)
Max. Iron	0.5 ppm (mg/l)
Max. Manganese	0.05 ppm (mg/l)
Max. Free Chlorine	3 ppm (mg/l)
Max. Copper	1.3 ppm (mg/l)
Oil	Free
Hydrogen Sulfide	Free

Operational Specifications

Working Conditions	
Water Pressure	20 - 120 psi
Water Temperature	35°F - 125 ° F
pH Level	7.5 ± 0.5
Flow Direction	Up Flow

Control Valve Parameters

Inlet	Outlet	Base	Riser Tube
1"	1"	2.5"-8NPSM	1.05"

Additional Specifications

Valve Materials	Tank Materials
ABS Plastic	Fiberglass