



CHARGER

Water Treatment Products

Pro H₂O[®] HighFlo Series



SOFTEN YOUR LIFESTYLE AND SAVE

Softer skin. Cleaner hair. Soft, clean clothes. Spotless glassware. No more hours of scrubbing water-stained bathroom showers and tiles. Charger makes life a little softer for the whole family. And you save on detergents and other cleaners.

And Charger's Pro H₂O HighFlo 1" valve is simple to use with dependable six-cycle performance. Provides simple operation, optimum regeneration and efficiency.

The Charger Pro H₂O[®] HighFlo 1" Series Water Softening System

For simple-set softening convenience and efficiency



Hard water causes the unwanted mineral build-up that clogs plumbing, damages water-using appliances, spots glasses and silverware, stains shower curtains and doors. It also robs much of the cleaning power of expensive soaps and detergents.



The Charger Pro H₂O HighFlo 1" reduces the minerals that cause this damaging build-up; unnecessary housework and wasted dollars spent on cleaners. And the HighFlo valve is one of the simplest and most dependable available at any price.

Protects appliances and plumbing.

Conditioned water means a softer lifestyle. And all of your water-using appliances will lead longer lives. Dishwashers, automatic washers and, of course, your water heater will benefit from reduced scale buildup. Adding years of life to major appliances and postponing expensive replacements.

Your home's plumbing system is vulnerable to mineral scale accumulation inside the pipes. As hard water clogs the pipes, water flow is restricted, reducing water pressure.



Soft water prevents scale buildup, preserves water pressure and helps prevent serious plumbing problems and unnecessary repairs.

How the Pro H₂O HighFlo 1" System softens water.

Hard water passes through the media tank that contains resin beads coated with sodium ions. The calcium and magnesium ions are exchanged for sodium (or potassium) ions, thus softening the water. When the beads have trapped the hardness and need to be regenerated, the HighFlo's meter driven valve charges them with the brine from the brine tank.

As regeneration occurs, calcium and magnesium (hardness) ions are freed from the beads, replaced with sodium or potassium ions; and the system is ready to soften water again.

Three to six cycles: Set and forget.

Plus control valve flow rates to 27 gallons per minute, operating pressures to 125 psi, operating temperatures to 110° F, and meter demand regeneration.

Regeneration cycles:

- 1) Backwash 1st (upflow)
- 2) Regenerant draw (downflow)
- 3) Backwash 2nd (upflow)
- 4) Rinse (downflow)
- 5) Regenerant refill (in service with treated water)
- 6) Service

Brine tank performance insurance.

All Charger water softeners may be ordered with optional salt grid – virtually prevents salt bridging to greatly reduce the number of salt fills.



Your authorized Charger Water Treatment Dealer has systems for quality drinking water, too.

Model Number	Grain Capacity	Mineral Tank		Brine Tank Size		Service Flow Rate (gpm's)	Floor Space			Approx. Shipping Weight
		D	H	D	H		W	D	H	
4WS116R	16,000 gr.	7"	44"	15"	17"	11.6	24"	17"	52"	60lbs.
4WS124R	24,000 gr.	8"	44"	15"	17"	12.4	24"	17"	52"	80lbs.
4WS132R	32,000 gr.	9"	48"	15"	17"	13.2	25"	17"	52"	90lbs.
4WS140R	40,000 gr.	10"	44"	15"	17"	14.4	26"	17"	56"	95lbs.
4WS148R	48,000 gr.	10"	54"	15"	17"	13.4	27"	17"	52"	120lbs.
4WS164R	64,000 gr.	12"	48"	15"	17"	14.6	31"	18"	56"	150lbs.
4WS180R	80,000 gr.	13"	54"	15"	17"	14.9	30"	18"	64"	170lbs.