

# Hydrotech

## 89 Series Water Softener

### The Trouble With Hard Water

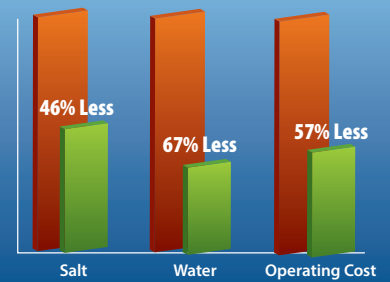
Hard water (calcium & magnesium) is a common problem for many homeowners and businesses. When hardness minerals are combined with heat it forms troublesome scale. Scale causes costly build-up in your plumbing, water heater and other water using appliances. When combined with soap, the minerals form soap curd or scum that makes skin dry and itchy, hair lifeless, laundry dull and builds up on fixtures.



### A System That Pays For Itself

Hydrotech offers the highest efficiency at the best price! Save 7,500 lbs of salt, 125,000 gal. water and \$2,750 in operating costs!\*

#### Hydrotech 89 & 785 HE Series Vs. Traditional Meter



\* Based on expected 15 year life. \$6.00 per 40 Lb bag of salt. \$2.76 per cubic yard of water.

### Benefit From Softer Water:

- Silky shiny hair, Soft supple skin
- Use up to 75% less soap
- Lower water heating cost by 29%
- Save as much as \$479 annually\*

\*Potential savings based on Water Quality Research Foundation Battelle Institute Study

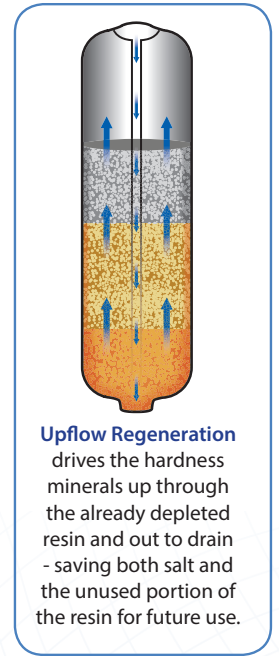




Cabinet Model

## Features:

- True 1" porting provides high flow rates for larger homes
- Upflow Regeneration with Optimal Precision Brining provides high-efficiency performance and lowest possible salt usage.
- Adjustable backwash frequency saves up to 2,000 gallons of water per year
- Large 4 line Touch Pad LCD display. No confusing symbols or codes.
- Automatic reserve – adjusts based on actual usage
- Automatic System Flush refreshes system during periods of non use preventing bacteria growth
- Soft Water Recharge performs quick regeneration ensuring you never run out of soft water
- Soft Water Brine Tank Refill conserves capacity and keeps brine tank clean
- Time saving quick connect features on bypass, drain line and powercord
- Meter immediate; meter delayed; meter override; vacation and calendar clock modes
- Self charging capacitor keeps date / time of day for 48 hours while programming remains in permanent memory
- Space saving bypass with integrated turbine meter
- Comes with 1" straight NPT
- Seven Year Control Valve Warranty, Lifetime Warranty on Tanks



**Upflow Regeneration** drives the hardness minerals up through the already depleted resin and out to drain - saving both salt and the unused portion of the resin for future use.

## Options:

- Traditional twin tank or cabinet style
- Round or square brine tanks in black, blue or vanilla
- Pressure tanks in black, blue or natural
- Tank jackets with black caps in chrome, grey, blue or vanilla



7 Year Warranty Control Valve



Lifetime Warranty Pressure tank

Model	System Capacity Grains			Flow Rate		Regeneration Water Usage (Gallons)		Mineral Tank Size	Resin Cu. Ft.	Brine Tank / Cabinet Size Inches	Salt Capacity (Lbs)	Ship Weight (Lbs)
	@ 10 lbs/ cu ft	@ 6 lbs/ cu ft (Factory Setting)	@ 3 lbs/ cu ft	Service USGPM	Backwash USGPM	Clean Water (Factory Setting)	Problem Water					
HT89UF-75	22,500	<b>18,750</b>	11,250	10.4	1.5	<b>34.0</b>	49.6	8 x 44	0.75	BTS 15.0 <sup>2</sup> x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	93
HT89UF-100	30,000	<b>25,000</b>	15,000	11.0	2.0	<b>43.4</b>	64.3	9 x 48	1.00	BTS 15.0 <sup>2</sup> x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	110
HT89UF-150	45,000	<b>37,500</b>	22,500	11.2	2.4	<b>62.7</b>	90.3	10 x 54	1.50	BTS 15.0 <sup>2</sup> x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	141
HT89UF-200	60,000	<b>50,000</b>	30,000	12.2	3.5	<b>87.1</b>	124.6	12 x 52	2.00	20.3 x 37.4	385	158
HT89UF-250	75,000	<b>62,500</b>	37,500	15.0	4.0	<b>108.9</b>	155.8	13 X 54	2.50	20.3 x 37.4	385	198
HT89UF-300	90,000	<b>75,000</b>	45,000	12.6	5.0	<b>139.2</b>	196.2	14 x 65	3.00	23.0 x 40.5	550	244
HT89UF-75C	22,500	<b>18,750</b>	11,250	11.6	2.0	<b>40.5</b>	56.1	9 x 35	0.75	13.8 x 23.6 x 43.3	225	93
HT89UF-100C	30,000	<b>25,000</b>	15,000	12.0	2.4	<b>48.6</b>	69.5	10 x 35	1.00	13.8 x 23.6 x 43.3	225	110

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