

# Hydrotech<sup>®</sup>

## 89 Series Water Softener



### The Trouble With Hard Water

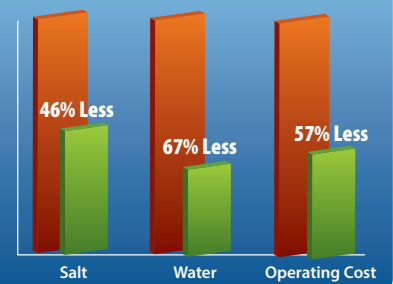
Hard water (calcium & magnesium) is a common problem for many homeowners and businesses. When hardness minerals are combined with heat it forms troublesome scale. Scale causes costly build-up in your plumbing, water heater and other water using appliances. When combined with soap, the minerals form soap 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 UF Series Vs. Traditional Meter



\* Based on expected 15 year life. \$6.00 per 40 Lb bag of salt. \$3.62 per cubic meter of water.



IAPMO R & T Certified  
Against NSF/ANSI 44 and  
CSA B483.1

### 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

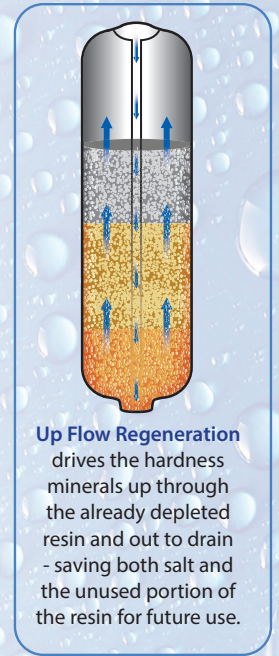




Cabinet Model

## Features:

- True 1" porting provides high flow rates for larger homes
- Up Flow 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" elbow NPT
- Seven Year Control Valve Warranty, Lifetime Warranty on Tanks



## 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

## 89HE Series 1" Upflow

Part #	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					
15100000	HT89UF-075	22,500	18,750	11,250	8.0	1.5	34.0	49.6	8 x 44	0.75	BTS 15.0"x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	93
15100018	HT89UF-100	30,000	25,000	15,000	10.0	2.0	43.4	64.3	9 x 48	1.00	BTS 15.0"x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	110
15100036	HT89UF-150	45,000	37,500	22,500	12.0	2.4	62.7	90.3	10 x 54	1.50	BTS 15.0"x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	141
15100054	HT89UF-200	60,000	50,000	30,000	15.0	3.5	87.1	124.6	12 x 52	2.00	20.3 x 37.4	385	158
15100057	HT89UF-250*	75,000	62,500	37,500	15.0	4.0	108.9	155.8	13 X 54	2.50	20.3 x 37.4	385	198
15100060	HT89UF-300*	90,000	75,000	45,000	15.0	5.0	139.2	196.2	14 x 65	3.00	23.0 x 40.5	550	244
15100061	HT89UF-075C	22,500	18,750	11,250	8.0	2.0	40.5	56.1	9 x 35	0.75	13.8 x 23.6 x 43.3	225	93
15100062	HT89UF-100C	30,000	25,000	15,000	10.0	2.4	48.6	69.5	10 x 35	1.00	13.8 x 23.6 x 43.3	225	110

## 89HE Series 1" Downflow

Part #	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					
15100100	HT89DF-075	19,875	16,500	10,500	8.0	1.5	34.0	49.6	8 x 44	0.75	BTS 15.0"x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	93
15100118	HT89DF-100	26,500	22,000	14,000	10.0	2.0	43.4	64.3	9 x 48	1.00	BTS 15.0"x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	110
15100136	HT89DF-150	39,750	33,000	21,000	12.0	2.4	62.7	90.3	10 x 54	1.50	BTS 15.0"x34.7/BTR 18.1x34.7	BTS 230 /BTR 270	141
15100154	HT89DF-200	53,000	44,000	28,000	15.0	3.5	87.1	124.6	12 x 52	2.00	20.3 x 37.4	385	158
15100157	HT89DF-250*	75,000	55,000	35,000	15.0	4.0	108.9	155.8	13 X 54	2.50	20.3 x 37.4	385	198
15100160	HT89DF-300*	79,500	66,000	42,000	15.0	5.0	139.2	196.2	14 x 65	3.00	23.0 x 40.5	550	244
15100161	HT89DF-075C	19,875	16,500	10,500	8.0	2.0	40.5	56.1	9 x 35	0.75	13.8 x 23.6 x 43.3	225	93
15100162	HT89DF-100C	26,500	22,000	14,000	10.0	2.4	48.6	69.5	10 x 35	1.00	13.8 x 23.6 x 43.3	225	110

\*Media not loaded in mineral tank.



A Division of



# Hydrotech®

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