

# Hydrotech®

## 785HE Series Water Softener



### The Trouble With Hard Water

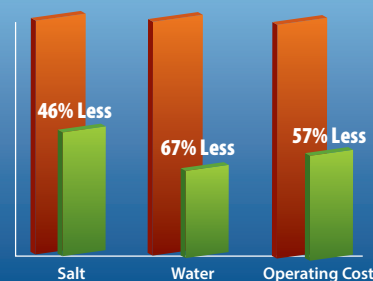
Hard water (calcium & magnesium) is a common problem for many homeowners and businesses. When hardness minerals are combined with heat it forms troublesome scale. Scale causes costly build-up in your plumbing, water heater and other water using appliances. When combined with soap, the minerals form soap 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. \$3.62 per cubic meter of water.



IAPMO R & T Certified  
against NSF/ANSI 44



IAPMO R & T Certified  
against 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



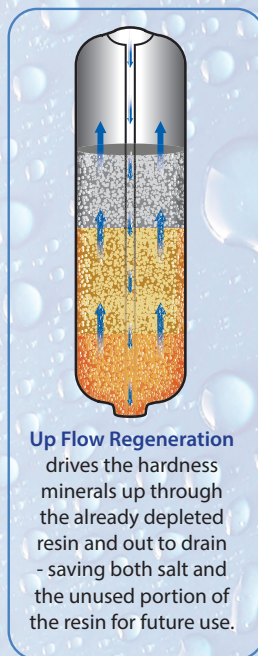




Cabinet Model

## Features:

- ➔ NSF Certified electronic control valves with proven piston, seal & spacer technology and rotating 'no touch' diagnostic backlit 16 character LCD display
- ➔ 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
- ➔ Up Flow - meter delayed; Downflow - meter delayed; vacation mode
- ➔ Self charging capacitor keeps date / time of day for 48 hours while programming remains in permanent memory
- ➔ Soft Water Recharge performs quick regeneration ensuring you never run out of soft water
- ➔ NSF Certified high-gloss pressure tank
- ➔ IAPMO certified 8% cross-linked cation resin
- ➔ Heavy-duty brine tank / cabinet constructed with NSF Certified high-density polyethylene. Twin tank models include plastic salt grid.
- ➔ Soft water brine tank refill
- ➔ Brine safety valve for added overflow protection
- ➔ Space saving bypass with integrated turbine meter
- ➔ Time saving quick connect fittings on bypass, drain line, brine line and power cord
- ➔ Seven Year Control Valve Warranty, Lifetime Warranty on Tanks



7 Year Warranty  
Control Valve



Lifetime Warranty  
Pressure tank

## 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

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					
15100200	HT785UF-75	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
15100218	HT785UF-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
15100236	HT785UF-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
15100254	HT785UF-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
15100257	HT785UF-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
15100260	HT785UF-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
15100261	HT785UF-75C	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
15100262	HT785UF-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

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					
15100300	HT785DF-75	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
15100318	HT785DF-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
15100336	HT785DF-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
15100354	HT785DF-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
15100357	HT785DF-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
15100360	HT785DF-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
15100361	HT785DF-75C	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
15100362	HT785DF-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



**Hydrotech**<sup>®</sup>

A Division of



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