

NOVOSOFT 485HE SERIES CABINET WATER SOFTENER

Novo's premier high-efficiency cabinet softener sets the new standard for high performance while offering more features designed to make installations faster & easier than ever!



Two piece cabinet design

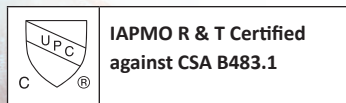
*When compared to a conventional calendar clock controlled water softener



7 Year Warranty
Control Valve



Lifetime Warranty
Pressure tank



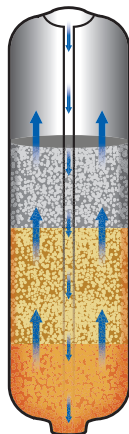
Features:

- ➔ Up Flow regeneration preserves unused portion of softening bed from unnecessary exchange saving salt
- ➔ Precision Brining calculates the exact amount of brine required to regenerate saving up to 30% more salt
- ➔ Automatic Backwash Frequency Preset for clean municipal water saves water by matching back wash to water quality need
- ➔ Soft Water Brine Tank Refill keeps tank & injectors clean
- ➔ Automatic System Refresh flushes stagnant water after 7 days of non-use preventing bacteria growth
- ➔ Soft Water Recharge Mode ensures soft water during unusually heavy water usage
- ➔ Compact two-piece cabinet
- ➔ Condensation tank jacket (8", 9" & 10" twin tank models)
- ➔ NSF Certified fibreglass pressure tank
- ➔ IAPMO R & T Certified cation resin
- ➔ IAPMO R & T Certified against CSA B483.1
- ➔ User-friendly backlit LCD display
- ➔ "No Touch" information display rotates key info like last regeneration date and volume remaining
- ➔ Unique bypass with integrated turbine meter saves space, eliminates connections and is more durable
- ➔ Time saving quick connect fittings on bypass, drain & brine line. Power cord even has quick connect for easier installations.
- ➔ Drain line o-ring eliminates the need for Teflon
- ➔ Brine safety valve for added overflow protection
- ➔ Plastic salt grid prevents bridging (twin tank only)
- ➔ 48 hour self charging battery back-up
- ➔ Includes hose clamp and 10' of drain tubing

HIGH PERFORMANCE FEATURES:

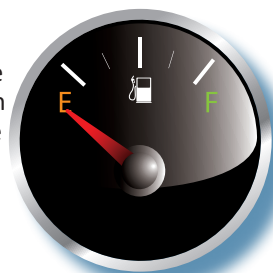
Up Flow Regeneration with Precision Brining

Traditional 'downflow' softeners deplete the unused portion of the resin bed with every regeneration. It is like draining the gas tank in your car every time before filling it up!



'Up Flow Regen' - 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.

Soft Water Recharge - If total capacity goes below 3%, a short 15 minute 'recharge' will restore additional capacity so the softener can soften until the regular 2:00 a.m. regeneration time.



Precision Brining - saves additional salt by pre-making only 70% of the brine. Just before regeneration, the computer calculates the precise amount of brine top-up needed to regenerate only the depleted resin saving up to 30% more salt!

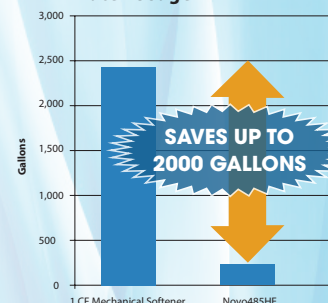
Soft Water Brine Tank Refill - Conserve capacity and keep brine tank cleaner by adding only treated soft water to brine tank rather than raw untreated hard water.

Automatic System Refresh - If no water is used for seven days, the system will perform an automatic refresh preventing bacteria growth.

Automatic Backwash Override - On clean municipal water supply there is no need to backwash and clean the bed every regeneration. Save water each regeneration by skipping up to 10 backwash cycles.



Estimated Annual Back Wash Water Usage



Specifications	485HE-100C
	15010451
Optional Settings - High Efficiency	
Salt Used - Per Regeneration	3.0 lbs
Water Used - Regeneration	28.3 gal
Hardness Removal - Grains	15,000
Factory Settings - Standard Capacity	
Salt Used - Per Regeneration	6.0 lbs
Water Used - Regeneration	48.6 gal
Hardness Removal - Grains	25,000
Optional - High Capacity	
Salt Used - Per Regeneration	10.0 lbs
Water Used - Regeneration	69.5 gal
Hardness Removal - Grains	30,000
Resin Quantity - Cubic Feet	1.0 ft
Tank Size	10x35
Tank Jacket / Media Loaded	Yes
Cabinet Size (Inches)	16.5 x 19.3 x 43.3
Salt Storage Capacity	175 lbs
Flow Rate @ 15 psi Pressure Drop	12.0 gpm
Flow Rate @ 25 psi Pressure Drop	16.0 gpm
Back Wash Flow Rate	2.4 gpm
Shipping Weight	110 lbs
Regeneration Type	Counter Current / Up Flow
Maximum Efficiency	5,060 grains /lb salt
Plumbing Connections	¾" and 1" connections
Resin Type	Aquafine 8% High Capacity Ion Exchange Resin
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit
Water Pressure	Min. 20 - Max. 125 psi



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