Novosoft 485UF Series Cabinet Water Softener

NOVO™ WATER CONDITIONING PRODUCTS

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!

Uses up to 75% less salt & 64% less Water

Two piece cabinet design

Features:

- High-efficiency softening technology designed to save salt, water and money, by using:
  - Upflow regeneration
  - Precision brining
  - Automatic backwash frequency preset
  - Soft water brine tank refill
  - Smart Clean technology
  - Soft Water recharge mode
- 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 NSF/ANSI 44 and CSA B483.1
- User-friendly backlit LCD display
- "No Touch" display rotates key information including 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

7 YEAR WARRANTY

7 Year Warranty
Control Valve

LIFETIME WARRANTY

Lifetime Warranty
Pressure tank

UPC C ®

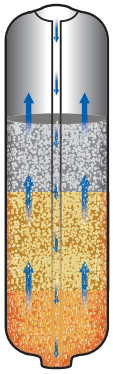
IAPMO R & T Certified Against NSF/ANSI 44 and CSA B483.1

WATCH THE VIDEO
Check out the 485UF Features & Benefits video
www.novowater.com/video.asp

High Performance Features:

Upflow 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!



'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.

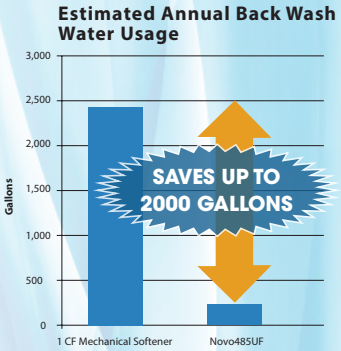
Soft Water Recharge - If softening capacity goes below 3%, a short 15 minute 'recharge' will restore additional capacity so the softener can soften until the regular 2:00 a.m. regeneration time.

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 softening capacity and keep the brine tank cleaner by adding only treated soft water to brine tank rather than raw untreated hard water.

Smart Clean Mode – If no water is used for seven (7) 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.



Specifications	NVO485UF-75C	NVO485UF-100C
	15010450	15010451
Optional Settings - High Efficiency		
Salt Used - Per Regeneration	2.3 lbs	3.0 lbs
Water Used - Per Regeneration	22.7 gal	28.3 gal
Hardness Removal - Grains	11,250	15,000
Factory Settings - Standard Capacity		
Salt Used - Per Regeneration	4.5 lbs	6.0 lbs
Water Used - Per Regeneration	40.5 gal	48.6 gal
Hardness Removal - Grains	18,750	25,000
Optional - High Capacity		
Salt Used - Per Regeneration	7.5 lbs	10.0 lbs
Water Used - Per Regeneration	56.1 gal	69.5 gal
Hardness Removal - Grains	22,500	30,000
Resin Quantity - Cubic Feet	0.75 ft	1.0 ft
Tank Size	9x35	10x35
Tank Jacket / Media Loaded	Yes	Yes
Cabinet Size (Inches)	16.5 x 19.3 x 43.3	16.5 x 19.3 x 43.3
Salt Storage Capacity	175 lbs	175 lbs
Flow Rate @ 15 psi Pressure Drop	11.6 gpm	12.0 gpm
Flow Rate @ 25 psi Pressure Drop	15.6 gpm	16.0 gpm
Back Wash Flow Rate	2.0 gpm	2.4 gpm
Shipping Weight	93 lbs	110 lbs
Regeneration Type	Counter Current / Upflow	
Maximum Efficiency	5,060 grains /lb salt	
Plumbing Connections	¾" 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	

NOVO™ Water Conditioning Products

Designed, Engineered & Assembled in the U.S.A.

A Division of Canature WaterGroup

Toll Free: 877-288-9888

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