

489 Downflow Series Water Softener

NOVOTM
WATER CONDITIONING PRODUCTS

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.



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

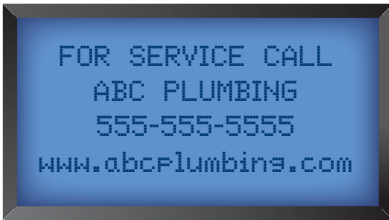


Twin Tank Model



Cabinet Model





Programmable Dealer Contact Display



- ➔ **LOW SALT REMINDER** - calculates salt usage and provides a visual and audible reminder to add salt
- ➔ **MAINTENANCE REMINDER** - allows installer to set a reminder for customer to perform required scheduled maintenance (visual and audible)



7 Year Warranty Control Valve



Lifetime Warranty Pressure Tank

Features:

- ➔ True 1" porting provides high flow rates for larger homes
- ➔ Large 4 line Touch Pad LCD display. No confusing symbols or codes.
- ➔ Automatic reserve – adjusts based on actual usage
- ➔ 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" 90 degree elbows

Model	Item Number	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	Flow Rate @ 15 psi Pressure Drop	Flow Rate @ 25 psi Pressure Drop	Backwash USGPM	Clean Water (Factory Setting)	Problem Water					
NVO489DF-100	15010680	26,500	22,000	14,000	11.0 gpm	15.0 gpm	2.0	43.4	64.3	9 x 48	1.00	18.1x34.7	270	110
NVO489DF-150	15010681	39,750	33,000	21,000	11.2 gpm	15.1 gpm	2.4	62.7	90.3	10 x 54	1.50	18.1x34.7	270	141
NVO489DF-200	15010682	53,000	44,000	28,000	12.2 gpm	16.2 gpm	3.5	87.1	124.6	12 x 52	2.00	20.3 x 37.4	350	158
NVO489DF-300	15010683	79,500	66,000	42,000	12.6 gpm	16.6 gpm	5.0	139.2	196.2	14 x 65	3.00	23.0 x 40.5	420	244
NVO489DF-75C	15010694	19,875	16,500	10,500	11.6 gpm	15.6 gpm	2.0	40.5	56.1	9 x 35	0.75	13.8 x 23.6 x 43.3	225	93
NVO489DF-100C	15010695	26,500	22,000	14,000	12.0 gpm	16.0 gpm	2.4	48.6	69.5	10 x 35	1.00	13.8 x 23.6 x 43.3	225	110
Regeneration Type	Co current / Down Flow													
Plumbing Connections	Includes 1" 90 Degree Elbow Connectors NPT													
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													



IAPMO R & T Certified Against NSF/ANSI 44



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

Your Local Water Treatment Professional

Toll Free: 877-288-9888
www.novowater.com

Regina, SK • Cambridge, ON • Whitestown, IN
 Houston, TX • Phoenix, AZ • Guadalajara, MX