



CONTROL VALVE



PRESSURE TANK

Water Softener

1" Porting, High-Performance, Compact Size

The Novo 489DF cabinet softener delivers reliable performance with true 1" porting. Third-party certified to provide luxuriously soft water, enjoy advanced technology and user-friendly programming.

KEY FEATURES

Automatic System Refresh: If no water is used for seven (7) days, the system will perform an automatic refresh to prevent bacteria growth.

Backwash Frequency Preset: Save up to 2,000 gallons of water per year by skipping up to ten (10) backwash cycles on clean municipal water supply.

Soft Water Brine Tank Refill: Keeps tank & injectors clean.

Soft Water Recharge: If capacity goes below 3%, an automatic 15-minute recharge restores softening until the next regeneration.

Cabinet Features: Cabinet comes with safety float and air check.

VALVE FEATURES

True 1" Porting
For high-flow applications.

1" 90-Degree Elbows
Included for easy installation.

Timesaving Quick Connect Fittings. Bypass included
Quick connect fittings on bypass, drain line (10' included), brine line and power cord.

Unique Bypass Design
Integrated turbine meter saves space, eliminates connections and is more durable.

Four Line Touch Pad LCD Display No-touch rotating information display. Just set the time, date, and hardness.

48-Hour Programming Memory Automatic programming restore for up to 48 hours during power loss.



SPACE-SAVING DESIGN



IAPMO R&T Certified to NSF/ANSI 44, 372 and CSA B483.1.



Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	NVO489DF-100 (CABINET)
Item Number	15020695
CAPACITY (GRAINS)	
@ 10 lbs/Cubic Feet	26,500
@ 6 lbs/Cubic Feet Factory Setting	22,000
@ 3 lbs/Cubic Feet	14,000
REGENERATION WATER USAGE (GALLONS)	
Clean Water (Factory Setting)	48.6 gal
Problem Water	69.5 gal
Resin Quantity (Cubic Feet)	1.0 ft ³
Media Loaded	Yes
Salt Storage Capacity	225 lbs
Flow Rate @ 15 psi Pressure Drop	12.0 gpm
Flow Rate @ 25 psi Pressure Drop	16.0 gpm
Back Wash Flow Rate	2.5 US gpm
Shipping Weight	110 lbs
Regeneration Type	DOWNFLOW (COCURRENT)
Plumbing Connections	INCLUDES 1" 90° NPT ELBOWS
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN
Electrical Requirements	INPUT 120V 60 Hz - OUTPUT 12V 650mA
Water Temperature Limits	MIN 40° - MAX 110° F (4° - 43° C)
Water Pressure Limits	MIN 30 - MAX 125 PSI (207 - 862 KPA)

DIMENSIONS

NVO489DF-100 (CABINET)

13.8" X 23.6" X 43.3"



QUICK LINKS



Homeowner's Manual



Installation Guide



Maintenance Guide



Trouble Shooting Guide



Parts Breakdown



Programming Guide



Warranty Sheet

