NOVO®
PROFESSIONAL WATER SYSTEMS

NVO489UF Cabinet with Aqua Alert®
SPECIFICATION SHEET

7 yr WARRANTY
CONTROL VALVE

LIFETIME WARRANTY
PRESSURE TANK

AQUA ALERT®

AQUA ALERT®
LEAK ALERT / SALT SENSOR / PERFORMANCE MONITORING

LEAD FREE UPC C ®

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

Water Softener

1" Porting, Compact Size, WiFi Monitoring

The 489UF cabinet softener with Aqua Alert® combines high-efficiency water softening with the ability to monitor and control your softener from your phone. Third-party certified to provide luxuriously soft water, enjoy advanced features and a space-saving design while using less salt and water.

KEY FEATURES

Aqua Alert®: Enjoy full control from the convenience of your phone with smart features like salt refill reminders, leak alert, and salt and water tracking. Optional leak alarm and remote water shut off give you complete control and peace of mind.

Upflow Regeneration: Saves salt by preserving the unused portion of the softening bed from unnecessary ion exchange.

Precision Brining: Calculates the exact amount of brine required to regenerate, using up to 30% less salt.

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

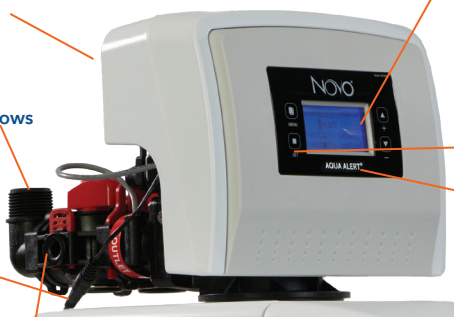
Backwash Frequency Preset: Save up to 2,000 gallons of water per year by skipping up to ten (10) backwash cycles on clean municipal water supply.

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

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.

Aqua Alert® Enabled
nsures your system is performing properly with both in-app reminders and e-mail notifications.

Aqua Alert® Salt Sensor
Ensures your system never runs out of salt.

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

Optional Leak Alarm
A physical leak alarm placed near the floor drain will sound if a leak is detected. A Leak Alarm message will be sent to your e-mail.

NSF COMPONENT

Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	NVO489UF-100C WF
Item Number	15020836
CAPACITY (GRAINS)	
@ 12 lbs/Cubic Feet	30,000
@ 6 lbs/Cubic Feet Factory Setting	**25,000**
@ 3 lbs/Cubic Feet	15,000
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	UPFLOW (COUNTER CURRENT)
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

NVO489UF-100C WF Cabinet with Aqua Alert®

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
- Aqua Alert Manual

NOVO® PROFESSIONAL WATER SYSTEMS | A Division of Canature WaterGroup | MEMBER Water Quality Association | CWQA | CIPH Canadian Institute of Plumbing & Heating | PHCC Plumbing-Heating-Cooling Contractors Association Best People. Best Practices.

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