



CONTROL VALVE



PRESSURE TANK



**USES UP TO
75% LESS SALT &
64% LESS WATER**

Water Softener

High-Efficiency, Advanced Features, Compact Design

The 485UF cabinet water softener offers high-efficiency softening in a compact design that saves space. Third-party certified to provide luxuriously soft water, enjoy advanced features while using less salt and water.

KEY FEATURES

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

User-Friendly Programming

Just set the time, date, number of people and hardness.

48-Hour Programming Memory

Automatic programming restore for up to 48 hours during power loss.

Plumbing Adapters

Comes with two 90° elbow adapters.

Timesaving Quick Connect Fittings & Pre-Installed Bypass

Quick connect fittings on bypass, drain line (10' included), brine line and power cord for easier, faster installations.

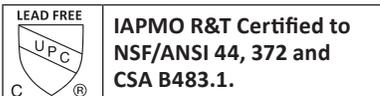


Backlit LCD Display
"No Touch" display rotates key information including last regeneration date and volume remaining.



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

Removable Brine Tank Designed for easy installation & maintenance.



Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	NVO485UF-100C
Item Number	15020451
HIGH EFFICIENCY SETTING (OPTIONAL)	
Salt Used Per Regeneration	3.0 lbs
Water Used Per Regeneration	28.3 gal
Hardness Removal (Grains)	15,000
FACTORY SETTING (STANDARD CAPACITY)	
Salt Used Per Regeneration	6.0 lbs
Water Used Per Regeneration	48.6 gal
Hardness Removal (Grains)	25,000
HIGH CAPACITY SETTING (OPTIONAL)	
Salt Used Per Regeneration	10.0 lbs
Water Used Per Regeneration	69.5 gal
Hardness Removal (Grains)	30,000
Resin Quantity (Cubic Feet)	1.0 ft ³
Media Loaded	Yes
Salt Storage Capacity	175 lbs
Flow Rate @ 15 psi Pressure Drop	12.0 US gpm
Flow Rate @ 25 psi Pressure Drop	16.0 US gpm
Backwash Flow Rate	2.4 US gpm
Shipping Weight	110 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)
Maximum Efficiency	4,423 GRAINS/LB SALT
Plumbing Connections	INCLUDES 3/4" 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



QUICK LINKS



Homeowner's Manual



Installation Guide



Maintenance Guide



Trouble Shooting Guide



Parts Breakdown



Programming Guide



Warranty Sheet

