

## NVO 485 NEUTRASOFT SPECIFICATION SHEET



# Two Tank Water Conditioning System

#### **Neutralize Corrosiveness & Remove Hardness**

When acidic water comes into contact with the calcite media in the first tank, the media gradually dissolves, raising the pH and reducing the risk of copper, lead, and other metal leaching from plumbing systems. As the calcite neutralizes the water, it also increases the hardness. To counteract this, the second tank contains a cation exchange resin that effectively removes hardness, leaving you with pH-balanced, luxuriously soft water.

#### **KEY FEATURES**

**Economical:** Two-tank system that uses one control valve. Simple installation and lower upfront cost.

**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.

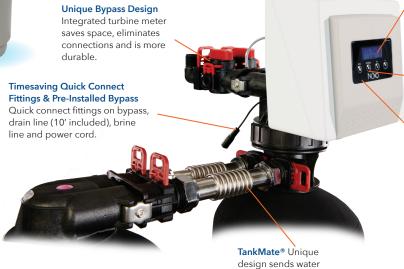
VALVE FEATURES

**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.

Tank Features: Brine tank with safety float, air check and injection molded brine grid to reduce bridging. Moisture wicking neoprene tank jacket included on all pressure tanks.

IDEAL FOR HARD
WATER APPLICATIONS
WITH LOW PH



through both the

carbon and resin tanks in a single pass.

#### **Backlit LCD Display**

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

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.



### **Technical Specifications**

#### PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	NVO485UFHNUDH-150	
Item Number	15020499-1	
SERVICE FLOW RATES		
Normal	5.0 US gpm	
Peak	8.0 US gpm	
Backwash Flow Rate	5.0 US gpm	
Filter Media Volume (Cubic Feet)	1.5 ft <sup>3</sup>	
Resin Quantity (Cubic Feet)	1.5 ft <sup>3</sup>	
Pressure Tank Size (Inches)	10 x 54	
Tank Jacket / Media Loaded	No	
Brine Tank Size (Inches)	18.1 x 34.5	
Salt Storage Capacity	240 lbs	
Shipping Weight	311 lbs	
Regeneration Type	UPFLOW (COUNTER CURRENT)	
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS	
Resin Type	AQUAFINE® 8% HIGH CAPACITY ION EXCHANGE RESIN	
pH Adjustment Media	CANATURE CALCITE	
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)	













Parts Breakdown







#### **DIMENSIONS**

NVO485UFHNUDH	150
TANK/VALVE A x B (inches)	66.0 x 24.0
BRINE TANK C x D (inches)	18.1 x 34.5













