



CONTROL
VALVE



PRESSURE
TANK



**REMOVE COLOR
CAUSED BY
ORGANIC DECAY**

Water Filter

Tannin Removal Filter

The TAN Series system greatly improves aesthetics and prevents costly staining by using anion exchange resin to remove color caused by organic decay.

KEY FEATURES

Tannin Removal: The 485DFTAN removes 2,000 ppm to 6,000 ppm of tannins.

Maximum Tannins: 3.0 ppm (contact Customer Service for higher levels).

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.

VALVE FEATURES

Plumbing Adapters

Comes with two 90° elbow adapters.

Unique Bypass Design

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

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.

User-Friendly Programming

Just set the time and date.



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



Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	NVO485TAN-100	NVO485TAN-150	NVO485TAN-200	NVO485TAN-300
Purolite 850 Models*	15020489	15020490	15020491	15021492
Purolite 860 Models*	15021489	15021490	15021491	15021492
FACTORY SETTINGS - HIGH CAPACITY				
Salt Used Per Regeneration	12.0 lbs	18.0 lbs	24.0 lbs	36.0 lbs
Water Used Per Regeneration	64.3 gal	90.3 gal	124.6 gal	196.2 gal
Tannins Removal	2,000 ppm	3,000 ppm	4,000 ppm	6,000 ppm
Resin Quantity (Cubic Feet)	1.0 ft ³	1.5 ft ³	2.0 ft ³	3.0 ft ³
Tank Size	9 x 48	10 x 54	12 x 52	14 x 65
Media Loaded	Yes	Yes	Yes	No
Salt Storage Capacity	240 lbs	350 lbs	350 lbs	420 lbs
Recommended Service Flow Rate	3.0 US gpm	4.5 US gpm	6.0 US gpm	9.0 US gpm
Flow Rate @ 15 psi Pressure Drop	11.0 US gpm	11.2 US gpm	12.2 US gpm	12.6 US gpm
Flow Rate @ 25 psi Pressure Drop	15.0 US gpm	15.1 US gpm	16.2 US gpm	16.6 US gpm
Backwash Flow Rate	1.5 US gpm	2.0 US gpm	3.0 US gpm	4.0 US gpm
Shipping Weight	122 lbs	155 lbs	158 lbs	244 lbs
Regeneration Type	DOWNFLOW (CO-CURRENT)			
Maximum Tannins	3.0 PPM (CONTACT CUSTOMER SERVICE FOR HIGHER LEVELS)			
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS			
Resin Type	Purolite® 850 OR 860 ANION 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)			

* CALL CUSTOMER SERVICE TO DETERMINE CORRECT MODEL. WATER TEST RESULTS REQUIRED

DIMENSIONS

NOVO485DFTAN	100	150	200	300
TANK/VALVE A x B (inches)	56.5 x 9.0	62.5 x 10.0	60.75 x 12.0	74.5 x 14.0
BRINE TANK C x D (inches)	18.1 x 34.5	20.3 x 37.4	20.3 x 37.4	23.0 x 40.5



QUICK LINKS



Homeowner's Manual



Installation Guide



Maintenance Guide



Trouble Shooting Guide



Parts Breakdown



Programming Guide



Warranty Sheet

