

# Novoclear 485 HTO



WATER CONDITIONING PRODUCTS

**Rid your water of hardness & bad tastes and odor caused by chlorine, chloramines or organic matter**

The unique two tank system keeps the two media beds separate and allows for more carbon contact improving chlorine, chloramines and organic removal.

Because the carbon may need to be replaced before the softening resin, the two tank system allows for replacement without having to change the resin bed unlike many traditional mixed bed systems. Same benefit as separate systems but with cost of only one control valve.



## Features:

- ➔ Dedicated softening & carbon filtration tanks provide truly refined water
- ➔ NSF Certified control valve with electronic sensors, adjustable cycles & proven piston, seal & spacer design
- ➔ Up Flow Regeneration preserves unused portion of softening bed from unnecessary exchange saving salt
- ➔ Precision brining calculates the exact amount of brine required to regenerate saving up to 30% more salt
- ➔ Backwash Frequency Preset for clean municipal water saves water by matching backwash to water quality need
- ➔ Soft Water brine tank refill keeps tank & injectors clean
- ➔ Automatic system refresh flushes stagnant water
- ➔ NSF Certified fibreglass pressure tank
- ➔ WQA Gold Seal Certified cation resin
- ➔ User-friendly backlit LCD display
- ➔ “No Touch” rotating information display
- ➔ Unique bypass with integrated turbine meter saves space, eliminates connections
- ➔ Time saving quick connect fittings on bypass, drain line, brine line & power cord
- ➔ Drain line o-ring. No need for Teflon
- ➔ Brine safety valve provides added overflow protection
- ➔ Plastic salt grid prevents bridging
- ➔ 48 hour self charging battery back-up
- ➔ Includes hose clamp & 10’ of drain tubing

Specifications	NVO485UFHTO-100	NVO485UFHTO-150	NVO485UFHTO-200	NVO485UFHTO-300*
	15010484-1	15010485-1	15010486-1	15010487-1
	NVO485UFHTOK-100	NVO485UFHTOK-150	NVO485UFHTOK-200	
	15054069-1	15054070-1	15054071-1	
<b>Factory Settings</b>				
Salt Used - Per Regeneration	6.0 lbs	9.0 lbs	12.0 lbs	18.0 lbs
Water Used - Regeneration	86.4 gal	148 gal	162.4 gal	224.8 gal
Hardness Removal - Grains	25,000	37,500	50,000	75,000
Tank #1 Carbon Quantity - Cubic Feet	1.0 ft	1.50 ft	2.0 ft	3.0 ft
Tank #2 Resin Quantity - Cubic Feet	1.0 ft	1.50 ft	2.0 ft	3.0 ft
Tank Size	9x48	10x54	12x52	14x65
Tank Jacket / Media Loaded	Yes	Yes	No	No
Brine Tank / Cabinet Size (Inches)	18.1 x 34.5	18.1 x 34.5	20.3 x 37.4	23.0 x 40.5
Salt Storage Capacity	240 lbs	240 lbs	350 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 gpm	7.4 gpm	9.0 gpm	9.2 gpm
Flow Rate @ 25 psi Pressure Drop	10.0 gpm	10.1 gpm	11.9 gpm	12.1 gpm
Back Wash Flow Rate	4.0 gpm	5.0 gpm	7.0 gpm	10.0 gpm
Shipping Weight	154 lbs	171 lbs	214 lbs	232 lbs
Regeneration Type	Counter Current / Upflow			
Plumbing Connections	¾" Elbow Connectors NPT			
Resin Type	Aquifine 8% High Capacity Ion Exchange Resin			
Carbon Type	HTO models - Canature Catalytic Carbon HTOK models - Canature Catalytic Carbon with KDF85			
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA			
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit			
Water Pressure	Min. 20 - Max. 125 psi			

\*Media not loaded in mineral tank.



7 Year Warranty Control Valve



Lifetime Warranty Pressure tank



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