

# NOVO™

WATER CONDITIONING PRODUCTS

HIGH  
EFFICIENCY  
PRODUCTS

## GROW YOUR PLUMBING BUSINESS!



## PARTNER WITH THE PROVEN EXPERTS



# THERE IS NO SUBSTITUTE FOR EXPERIENCE

**With over 50 years experience in the Water Conditioning Industry**, no other company has had a focus on supporting the Professional Plumbing Channel like Novo!

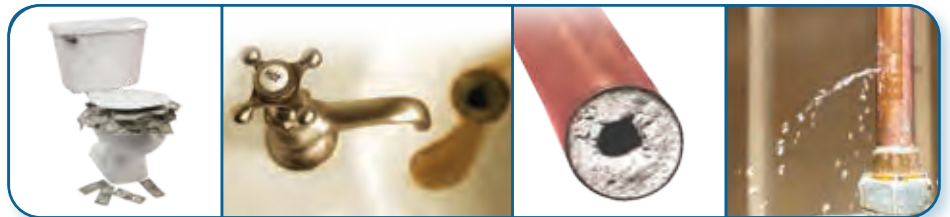
We partner with progressive Plumbing & HVAC Wholesalers to grow this lucrative segment of their business.

**Let us help you exceed your targets this year!**

## PLUMBERS CONSTANTLY FIX PROBLEMS CAUSED BY POOR QUALITY WATER

- ➔ Hard water scale can quickly diminish the performance and life of new water heaters, fixtures, appliances and pipes.
- ➔ Chlorine is a strong oxidant that destroys plastic and rubber seals & gaskets causing leaks.
- ➔ Chloramines are corrosive causing pitting and pinhole leaks.
- ➔ Iron stains fixtures plus smells and tastes bad.

**Professional Plumbers  
Fix the Problem!**



## EFFECTIVE 'PULL THROUGH' SUPPORT

**Let us do the heavy lifting!**

Novo staff will educate plumbers and your staff on the natural opportunities water conditioning presents:

- ➔ Endless supply of **FREE, high-quality leads** from current activities
- ➔ When it comes to water, Plumbers are the **Trusted Experts!**

**Effective, Focused  
Training When & How  
You Want It!**

- ➔ On-line video training
- ➔ Classroom training
- ➔ Technical support video library



Plumbing & Mechanical Magazine,  
January 2019 Issue

# INDUSTRY LEADING PRODUCTS FOR RESIDENTIAL AND COMMERCIAL APPLICATIONS



- Water Softeners
- Whole House Water Filters
- Specialty Combination Systems
- Reverse Osmosis
- Point-of-Use Filtration
- Ultraviolet Disinfection
- High-efficiency Technology
- Modern Design
- Strong Product Warranty Coverage
- Accepted North American Third Party Certification Performance Standards



## A DEALER PROGRAM OFFERING REAL VALUE!

*Novo has one of the largest Certified Plumbing Programs in North America!*



Level One On-Line Training

### NOVO ProAdvantage™ Program Benefits:

- Certified Dealer Training
  - Level 1 – On-line Video. Free Starter Kit!
  - Level 2 – Classroom
- Consumer Website with Dealer Locator
- Dealer Website with Technical Support Videos
- Regional Sales Managers to Support Your Growth
- Expert Factory Trained Customer Service Support
- Free Sales Tools, Vehicle Decals
- Free Water Testing & Product Recommendations
- Dedicated Commercial Engineering Support



Level Two Classroom Training

**REGISTER TODAY: [www.novowater.com](http://www.novowater.com)**

### Water Conditioning Webinar Training Series

A FREE webinar series to help you build your water conditioning business and improve your bottom line.

#### 10 Sessions:

1. The Importance of Water Treatment
2. Water Testing
3. Soft Water Equipment
4. Proper Installation Techniques
5. Carbon Filtration
6. Iron Filtration
7. Removing Odors and Gases
8. Reverse Osmosis Systems
9. UV systems
10. Presenting the Benefits of Water Treatment to Homeowners



## NOVO ON-LOCATION



Counter Days / Lunch & Learns / Ride Alongs

Showroom Displays w/ Free Water Test Kits & Sales Materials



NEW POU Filtration Display

# NOVOSOFT 485HE SERIES WATER SOFTENER

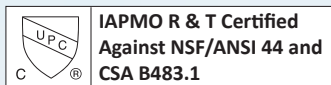
Novo's Premier High-Efficiency 485HE Softener sets the new standard for high performance while offering more features designed to make installations faster & easier than ever!



Uses up to  
**75% less salt**  
& **64% less  
Water!!!**



Two piece cabinet design



7 Year Warranty  
Control Valve



Lifetime Warranty  
Pressure tank

## Features:

- Reverse 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
- Automatic 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
- Smart Clean mode flushes stagnant water after 7 days of non-use preventing bacteria growth
- Soft Water Recharge Mode ensures soft water during unusually heavy water usage
- Compact two-piece cabinet or traditional twin tank
- Condensation tank jacket (8", 9" & 10" twin tank models)
- NSF Certified fibreglass pressure tank
- IAPMO R & T Certified cation resin
- IAPMO R & T Certified against CSA B483.1
- User-friendly backlit LCD display
- "No Touch" information display rotates key info like last regeneration date and volume remaining
- Unique bypass with integrated turbine meter saves space, eliminates connections and is more durable
- Time saving quick connect fittings on bypass, drain & brine line. Power cord even has quick connect for easier installations.
- Drain line o-ring eliminates the need for Teflon
- Brine safety valve for added overflow protection
- Plastic salt grid prevents bridging (twin tank only)
- 48 hour self charging battery back-up
- Includes hose clamp and 10' of drain tubing

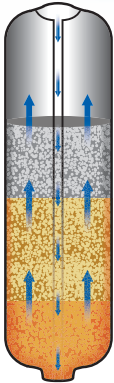


Designed, Engineered &  
Assembled in the U.S.A.

# HIGH PERFORMANCE FEATURES:

## Reverse Flow Regeneration with Precision Brining

Traditional 'downflow' softeners deplete the unused portion of the resin bed with every regeneration. It is like draining the gas tank in your car every time before filling it up!



'Reverse Flow Regen' - drives the hardness minerals up through the already depleted resin and out to drain - saving both salt and the unused portion of the resin for future use.

Soft Water Recharge - If total capacity goes below 3%, a short 15 minute 'recharge' will restore additional capacity so the softener can soften until the regular 2:00 a.m. regeneration time.



Precision Brining - saves additional salt by pre-making only 70% of the brine. Just before regeneration, the computer calculates the precise amount of brine top-up needed to regenerate only the depleted resin saving up to 30% more salt!

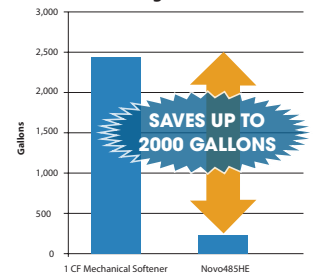
Soft Water Brine Tank Refill - Conserve capacity and keep brine tank cleaner by adding only treated soft water to brine tank rather than raw untreated hard water.

Automatic System Refresh - If no water is used for seven days, the system will perform an automatic refresh preventing bacteria growth.

Automatic Backwash Override - On clean municipal water supply there is no need to backwash and clean the bed every regeneration. Save water each regeneration by skipping up to 10 backwash cycles.



Estimated Annual Back Wash Water Usage



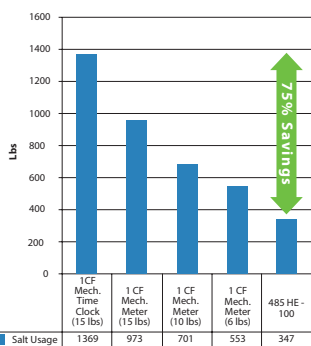
Specifications	485HE-75C	485HE-100C	485HE-75	485HE-100	485HE-150	485HE-200	485HE-300
	15010450	15010451	15010452	15010453	15010454	15010455	15010456
<b>Optional Settings - High Efficiency</b>							
Salt Used - Per Regeneration	2.3 lbs	3.0 lbs	2.3 lbs	3.0 lbs	4.5 lbs	6.0 lbs	9.0 lbs
Water Used - Regeneration	22.7 gal	28.3 gal	22.6 gal	31.6 gal	44.3 gal	60.9 gal	102.2 gal
Hardness Removal - Grains	11,250	15,000	11,250	15,000	22,500	30,000	45,000
<b>Factory Settings - Standard Capacity</b>							
Salt Used - Per Regeneration	4.5 lbs	6.0 lbs	4.5 lbs	6.0 lbs	9.0 lbs	12.0 lbs	18.0 lbs
Water Used - Regeneration	40.5 gal	48.6 gal	34.0 gal	43.4 gal	62.7 gal	87.1 gal	139.2 gal
Hardness Removal - Grains	18,750	25,000	18,750	25,000	37,500	50,000	75,000
<b>Optional - High Capacity</b>							
Salt Used - Per Regeneration	7.5 lbs	10.0 lbs	7.5 lbs	10.0 lbs	15.0 lbs	20.0 lbs	30.0 lbs
Water Used - Regeneration	56.1 gal	69.5 gal	49.6 gal	64.3 gal	90.3 gal	124.6 gal	196.2 gal
Hardness Removal - Grains	22,500	30,000	22,500	30,000	45,000	60,000	90,000
Resin Quantity - Cubic Feet	0.75 ft	1.0 ft	0.75 ft	1.0 ft	1.5 ft	2.0 ft	3.0 ft
Tank Size	9x35	10x35	8x44	9x48	10x54	12x52	14x65
Tank Jacket / Media Loaded	Yes	Yes	Yes	Yes	Yes	No	No
Brine Tank / Cabinet Size (Inches)	16.5 x 19.3 x 43.3	16.5 x 19.3 x 43.3	18.1 x 34.5	18.1 x 34.5	18.1 x 34.5	20.3 x 37.4	23.0 x 40.5
Salt Storage Capacity	175 lbs	175 lbs	240 lbs	240 lbs	240 lbs	350 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	11.6 gpm	12.0 gpm	10.4 gpm	11.0 gpm	11.2 gpm	12.2 gpm	12.6 gpm
Flow Rate @ 25 psi Pressure Drop	15.6 gpm	16.0 gpm	14.3 gpm	15.0 gpm	15.1 gpm	16.2 gpm	16.6 gpm
Back Wash Flow Rate	2.0 gpm	2.4 gpm	1.5 gpm	2.0 gpm	2.4 gpm	3.5 gpm	5.0 gpm
Shipping Weight	93 lbs	110 lbs	105 lbs	122 lbs	155 lbs	172 lbs	244 lbs
Regeneration Type	Counter Current / Up Flow						
Maximum Efficiency	5,060 grains / lb salt						
Plumbing Connections	3/4" and 1" connections						
Resin Type	Aquafine 8% High Capacity Ion Exchange Resin						
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA						
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit						
Water Pressure	Min. 20 - Max. 125 psi						

**WATCH THE VIDEO**  
Check out the 485 Features & Benefits video  
[www.novowater.com/video.asp](http://www.novowater.com/video.asp)

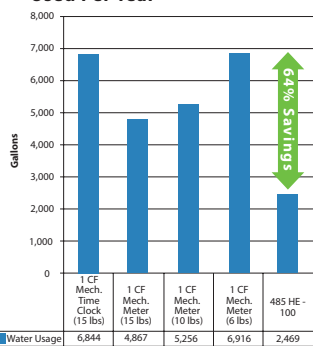
## ULTIMATE SALT & WATER SAVINGS!

Use 75% Less Salt & 64% Less Water! It's good for you & good for the environment!

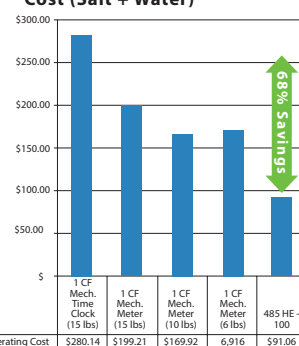
Salt Used Per Year



Estimated Regeneration Water Used Per Year



Estimated Annual Operating Cost (Salt + Water)



# NOVOCLEAR 485HTO

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.



IAPMO R & T Certified  
Against NSF/ANSI 44 and  
CSA B483.1

Novo 485HTO-150

**97% Chlorine  
Removal!  
Over 1,100,000  
gallons**

## Features:

- Dedicated softening & carbon filtration tanks provide truly refined water
- NSF Certified control valve with electronic sensors, adjustable cycles & proven piston, seal & spacer design
- Reverse 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	485HTO-100	485HTO-150	485HTO-200	485HTO-300
	15010484-1	15010485-1	15010486-1	15010487-1
<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	2.4 gpm	3.5 gpm	4.0 gpm	5.0 gpm
Shipping Weight	154 lbs	171 lbs	214 lbs	232 lbs
Regeneration Type	Counter Current / Up Flow			
Plumbing Connections	¾" or 1"			
Resin Type	AquaFine 8% High Capacity Ion Exchange Resin			
Carbon Type	AquaFine Catalytic Carbon			
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA			
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit			
Water Pressure	Min. 20 - Max. 125 psi			



7 Year Warranty  
Control Valve



Lifetime Warranty  
Pressure tank



Designed, Engineered &  
Assembled in the U.S.A.

# NOVO CARBON FILTERS

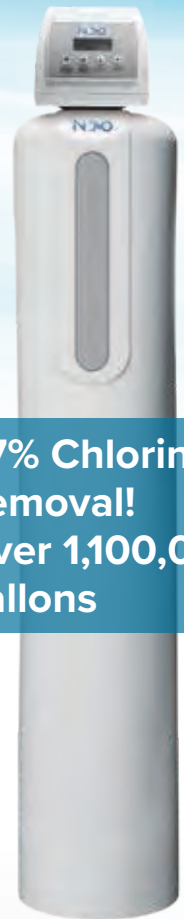
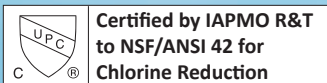
## Rid your water of hardness & bad tastes and odor caused by chlorine, chloramines or organic matter

Chlorine and organic matter can make your water smell and taste terrible. **Novo Carbon Filters** use high-quality granular activated carbon to adsorb the problem-causing substances.

NovoClear TO Filters use premium activated carbon which is perhaps the most powerful adsorbent known to man.

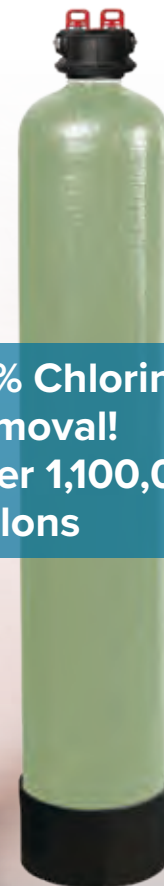
### Features:

- ➔ Dedicated carbon filtration provides truly refined water
- ➔ Exclusive NSF Certified control valve with reliable electronic sensors, adjustable cycle time and proven piston, seal & spacer design
- ➔ NSF Certified fibreglass pressure tank
- ➔ Tank jackets reduce condensation. Standard on 8", 9" & 10" tanks
- ➔ User-friendly backlit LCD display
- ➔ Simple set up and programming with no confusing codes or symbols to remember
- ➔ Automatic Vacation Mode prevents media cementing
- ➔ "No Touch" LCD information display rotates key info like last regeneration date, current flow rate & peak flow rate
- ➔ Unique, compact one piece bypass with integrated turbine meter
- ➔ Time saving quick connect fittings on bypass, drain & brine line. Even the power cord has quick connects
- ➔ Drain line o-ring. No need for Teflon
- ➔ Audible Cycle Advance Alarm
- ➔ 48 hour self charging battery back-up
- ➔ Meter with Day Over ride
- ➔ Includes hose clamp and 10' of drain tubing



**97% Chlorine Removal!  
Over 1,100,000 gallons**

Novo 485TO-150



**97% Chlorine Removal!  
Over 1,100,000 gallons**

NRV TO-150



# NOVO CARBON FILTERS

## Novo 485 Taste & Odor Filter

Specifications	485TO-75	485TO-100	485TO-150	485TO-200	485TO-300
	15054006	15054007	15054008	15054009	15054010
Normal Service Flow Rate	4.0 gpm	5.0 gpm	7.0 gpm	10 gpm	12.0 gpm
Peak Service Flow Rate	5.0 gpm	7.0 gpm	10.0 gpm	12.0 gpm	15.0 gpm
Backwash Flow Rate	3.5 gpm	4.0 gpm	5.0 gpm	7.0 gpm	10.0 gpm
Filter Media Volume - Cubic Feet	0.75 ft <sup>3</sup>	1.0 ft	1.5 ft	2.0 ft	3.0 ft
Filter Tank Size	8x44	9x48	10x54	12x52	14x65
Tank Jacket / Media Loaded	Yes	Yes	Yes	No	No
Shipping Weight	50 lbs	60 lbs	78 lbs	95 lbs	138 lbs

## Novo NRV Taste & Odor Filter

Specifications	NRV TO-100	NRV TO-150	NRV TOK-100	NRV TOK-150
	15054073	15054074	15054075	15054076
Peak Flow Rates	4.0 gpm	5.0 gpm	4.0 gpm	5.0 gpm
Filter Media Volume - Cubic Feet	1.0 ft <sup>3</sup>	1.5 ft <sup>3</sup>	1.0 ft <sup>3</sup>	1.5 ft <sup>3</sup>
Filter Tank Size	9 x 48	10 x 54	9 x 48	10 x 54
Media Type	Coconut Carbon	Coconut Carbon	Coconut Carbon With KDF Distributor	Coconut Carbon With KDF Distributor
Media Loaded	Yes	Yes	Yes	Yes
KDF Protector	No	No	Yes	Yes
Tank Jacket	No	No	No	No
Shipping Weight	60 lbs	78 lbs	60 lbs	78 lbs
Plumbing Connections	Includes 3/4" 90°Elbows & 1" Straight NPT. Bypass Included			
Electrical Requirements	None			
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit			
Water Pressure	Max. 125 psi			

The life expectancy of the carbon media bed in these units will be reduced as compared to a back washing style carbon filter. The actual media bed life will vary depending on water consumption, chlorine/chloramines concentration and flow rate. Exceeding the peak flow rate listed above will drastically reduce the life expectancy of the carbon media.



# NOVOCLEAR 465 BIF CHEMICAL FREE IRON FILTER



## Features:

- Natural oxidation removes iron, manganese and hydrogen sulfide without chemicals, air pumps or a venturi
- Low maintenance two tank system
- Regenerates less frequently than traditional iron filters using up to 50% less water than manganese greensand filters
- NSF Certified electronic control valve
- NSF Certified fibreglass pressure tanks
- Meter Immediate, Meter Delayed, Meter with Day Override, Vacation and Calendar Clock mode
- Adjustable cycle times
- Unique bypass with an integrated space saving turbine meter and sample port on the inlet. One-piece design avoids meter jamming
- Time saving quick connect fittings on bypass
- Quick connect drain line o-ring eliminates need for Teflon
- Power cord even has quick connect for easy valve spin on
- Hose clamp and 10' of drain tubing included



**Tank Mate™** -  
Patent Pending  
Included with all systems



7 Year Warranty  
Control Valve



Lifetime Warranty  
Pressure tank



IAPMO R & T Certified  
Against NSF/ANSI 42

Item #	Model	Media Cu Ft	Flow Rate USGPM			Mineral Tank Size	Air Contact Tank	Pipe Size Inches	Ship Weight Lbs
			Service	Peak	Backwash				
15050051-1	NVO465BIF-100	1.0	3.0	6.0	5.0	10 x 44	8 x 44	3/4"	150
15050067-1	NVO465BIF-150	1.5	4.0	10.0	5.0	10 x 54	10 x 54	3/4"	188
15050071-1	NVO465BIFMN-100	1.0	3.0	6.0	5.0	10 x 44	8 x 44	3/4"	150
15050072-1	NVO465BIFMN-150	1.5	4.0	10.0	5.0	10 x 54	10 x 54	3/4"	188
15050141-1	NVO465BIF-100 with Multi Media	1.0	3.0	6.0	5.0	10 x 44	8 x 44	3/4"	150
15050142-1	NVO465BIF-150 with Multi-Media	1.5	4.0	10.0	7.0	10 x 54	10 x 54	3/4"	188
940364-1	NVO465BIF-100 with Catalytic Carbon	1.0	3.0	6.0	5.0	10 x 44	8 x 44	3/4"	150
940360-1	NVO465BIF-150 with Catalytic Carbon	1.5	4.0	10.0	5.0	10 x 54	10 x 54	3/4"	188

- BIF MN Models for low pH and/or high manganese applications
  - BIF Iron and Hydrogen Sulfide Filter With Multi Media For Use on Tannin Bearing Water
  - BIF Iron & Hydrogen Sulfide Removal With Catalytic Carbon For Higher Than Normal H2S Removal (up to 10ppm)
- Contact Customer Service or Your Sales Representative for Application Guidelines

Maximum Iron	30.0 ppm
Hydrogen Sulfide	5.0 ppm
Manganese	BIF Model 0.0 ppm / BIFMN Models up to 1.0 ppm
Iron Bacteria Removal	No
pH	BIF Models pH 7.0 - 8.5 / BIFMN Models pH 6.5 -6.9



Designed, Engineered &  
Assembled in the U.S.A.

# SPECIALTY SYSTEMS: NOVO 485 NEUTRASOFT TWO TANK WATER CONDITIONING SYSTEM

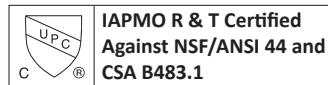
## Neutralize Corrosiveness & Remove Hardness to Protect Fixtures, Pipes & Appliances

Acidic waters on contact slowly dissolve the Calcite media contained in the first tank to raise the pH which reduces the potential leaching of copper, lead and other metals typically found in plumbing systems.

As the Calcite neutralizes the water, it will increase the hardness of the water. The second tank contains cation exchange resin to remove the hardness leaving you with pH balanced, luxuriously soft water.

### Features:

- Economical two tank system is operated using one control valve. Simplifies installation and lowers cost.
- Dome hole neutralizing tank allows for easy replenishment of consumable calcite media
- Exclusive Novo 485 Series control valve with reliable electronic sensors, piston, seals and spacer technology
- High-efficiency upflow regeneration for ultimate salt savings and softer water
- Time saving quick connect fittings for faster, easier installation
- Factory installed one-piece bypass with incorporated meter
- Fully adjustable cycle times
- Meter Delayed
- Integrated turbine meter
- 48 hour self charging battery back-up keeps time-of-day stored while program settings are kept in permanent memory
- Large user friendly color display shows time of day, total remaining capacity, and flow indication
- Simple electronics and programming.
- Lifetime Warranty on NSF Certified tank
- Seven year warranty on NSF Certified control valve



Specifications	485 HNU-150
	15010499-1
Service Flow Rates	
Normal	5.0 gpm
Peak	8.0 gpm
Backwash Flow Rate	5.0 gpm
Filter Media Volume - Cubic Feet	1.5 ft
Resin Quantity - Cubic Feet	1.5 ft
Tank Size	10x54
Tank Jacket / Media Loaded	No
Brine Tank / Cabinet Size (Inches)	18.1 x 34.5
Salt Storage Capacity	240 lbs
Shipping Weight	311 lbs
Regeneration Type	Counter Current / Up Flow
Plumbing Connections	Includes 3/4" 90° Elbows & 1" Straight NPT
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	Min 39 - Max. 100 degrees Fahrenheit
Water Pressure	Min. 20 - Max. 125 psi



**Dome hole port on tank allows for easy replenishment of Calcite neutralizing media**



# AQUA FLO PLATINUM QCRO & QCUF DRINKING WATER SYSTEMS

## Customized Drinking Water

The QCRO System can be configured to meet your specific water needs. There are ten interchangeable filters with a variety of treatment options that can be tailored to local water conditions, so your water is the best it can be.

If you're concerned about RO reject water or RO drain line makes installation difficult, we offer UltraFiltration (QCUF). \* The UF does not have a drain line to run, your cost is lesser than RO and there is no waste.

The innovative quick change (QC) twist and lock design makes service simple. Twist off the old cartridge and twist on the new. No messy sump removal. Aqua Flo Platinum QC systems make drinking water better and life easier.

\* Check with water treatment specialist to recommend you an RO or UF system depending on your untreated water quality.



QCRO



QCUF

“AQUA FLO PLATINUM QCRO IS IAPMO R&T CERTIFIED FOR THE REDUCTION OF PFOA/PFOS, LEAD AND OTHER HARMFUL CONTAMINANTS FROM WATER.”

	QCRO4V-50 system certified by IAPMO R&T to NSF/ANSI 58 and CSA B483.1 for the reduction of the following substances, as verified and substantiated by test data: Barium, Cadmium, Copper, Fluoride, Hexavalent Chromium, Lead, Arsenic (V) (less than 300 ppb reduction), Radium 226/228, Selenium, TDS, Trivalent Chromium, Turbidity, and PFOA/PFOS.
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**AQUA FLO**<sup>®</sup>  
PLATINUM



# AQUA FLO PLATINUM QCRO & QCUF DRINKING WATER SYSTEMS

## Product Specifications

**Sediment Filters.** Screens out sediments and particles. Various micron size filters are available.

**Carbon Filters.** Reduces elements that cause water to taste and smell unpleasant, including chlorine taste and odor.

**Reverse Osmosis Filters.** Reduces dissolved substances. Various capacity membranes are available.

**Specialty Filters.** Optimize drinking water taste and adjust to local water supply with a wide array of custom filter options.



**Manifold Assembly.** The single manifold ensures reliability. Houses four separate filter technologies in a unique space saving design.

**Automatic Shutoff Valve.** Shuts off the system when reservoir tank is full.

**Reservoir Tank.** Durable, high quality, powder coated, steel tank ensures you'll have a plentiful supply of refreshing water. Various size tanks are available.

**Designer Faucet.** Multiple styles and colors are available. (Standard faucet shown)

## Filter Cartridge and Single Stage Standalone System Specifications

	Sediment Filter	Carbon Block Filter	Carbon Block Filter	GAC Carbon Filter	pH Booster Filter Cartridge	UF (Hollow Fiber) Membrane	Carbon Block - 1 Mic Filter
<b>Purpose</b>	Sediment Removal	Chlorine Taste and Odor	Chlorine Taste and Odor	Polishing - Taste and Odor	Raise pH of water and removal of chlorine, taste and odor	Ultra Fine Filtration	Chlorine Taste and Odor, Particulate Reduction
<b>Type</b>	Polypropylene	Carbon Block	Carbon Block	Granular Activated Carbon Filter	pH Booster and Remineralizer	Hollow Fiber Mechanical Filtration	Carbon Block
<b>Micron</b>	5	5	50	-	-	0.1	1
<b>Capacity*</b>	2000 gallons	2000 gallons	2000 gallons	2000 gallons	To be changed every 6 months	To be changed every 12 months	750 Gallons
<b>Minimum Flow Rate @ 60psi</b>	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min	0.5 gal/min
<b>Single Stage System Model #**</b>	SEDQC1/4	CBQC1/4	CB50QC1/4	GACQC1/4	PHQC1/4	UFQC1/4	CB1QC1/4

\* May vary depending on water quality

\*\* Single Stage Standalone System Port Connection Size - 1/4" Quick Connect

## Standard System Specifications\*

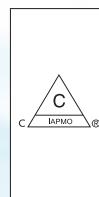
Model	QCRO4V-50	QCRO4V-75	QCUF
Number of Stages	4	4	4
Stage 1 (Pre-Filter)	Sediment Filter	Sediment Filter	Sediment Filter
Stage 2 (Pre-Filter)	Activated Carbon Filter	Activated Carbon Filter	Sediment Filter
Stage 3 (Membrane)	Thin Film Composite Membrane	Thin Film Composite Membrane	Thin Film Composite Membrane
Stage 4 (Post-Filter)	Activated Carbon Filter	Activated Carbon Filter	Activated Carbon Filter
Output (GPD)†	50	75	720



15.8"  
14.5"



Feed Water Guidelines	
Maximum TDS	2000 ppm
Hardness	<7gpg
Iron (Fe)	<0.2ppm
Manganese (Mn)	<0.05ppm
Hydrogen Sulfide	0.0ppm
Turbidity	<1.0NTU
Feed Water Pressure	40-100psi
Booster Pump Models	15 - 60 psi
Temperature	40-100°F
pH Range	3.0-11.0
<b>Note:</b> Pretreatment suggested if conditions exceed parameters. Must be installed on potable water.	



QCRO4V-50 system certified by IAPMO R&T to NSF/ANSI 58 and CSA B483.1 for the reduction of the following substances, as verified and substantiated by test data: Barium, Cadmium, Copper, Fluoride, Hexavalent Chromium, Lead, Arsenic (V) (less than 300 ppb reduction), Radium 226/228, Selenium, TDS, Trivalent Chromium, Turbidity, and PFOA/PFOS.

# AQUA FLO 75GPD H.E.R.O.™ HIGH EFFICIENCY RO SYSTEM

With the quality of our drinking water increasingly coming under question, people are now looking for alternative sources of quality water. Reverse Osmosis Drinking Water Systems provide the most convenient and economical solution.

**The HIGH EFFICIENCY REVERSE OSMOSIS (HERO) SYSTEM** Virtually wastes no water with over 99.9% recovery.

Comparable systems typically waste 4-12 gallons for every gallon of RO water produced.



## 25020189 Kit, Tank, Recirculation, H.E.R.O.™

Applied when the H.E.R.O.™ is installed under a kitchen sink or in a slab home without a basement. This tank provides blending of the HERO recirculated water and helps keep the system operating at its peak performance.

Feed Water Guidelines	
Pressure	30 - 70 psi
Temperature	40 - 77 °F
Total Dissolved Solids (TDS) <sup>1</sup>	0 - 2500 ppm (0 - 2500 mg/L)
pH	5 - 10
Chlorine <sup>2</sup>	0 - 3 ppm (0 - 3 mg/L)
Chloramine	0 - 3 ppm (0 - 3 mg/L)
Turbidity	0 - 10 NTU
Hardness <sup>3</sup>	0 - 10 gpg
Iron	<0.2 ppm (<0.2 mg/l)
Bacterial Quality	Potable

## Features:

- Heavy duty glass filled polypropylene construction provides double the strength, toughness & durability compared to most other RO's which are typically constructed with ABS.
- TFC 75 GPD reverse osmosis membrane provides up to 99% Total Dissolved Solids (TDS) rejection
- Pre-filters 10" five (5) micron Spun Polypropylene Sediment Cartridge and 10" Activated Carbon Cartridge
- Post filter: 10" Activated Carbon Cartridge
- Choose from air gap or non-air gap chrome plated faucets
- 3.0 Gallon NSF Certified plastic storage tank
- 3/8" outlet tubing for higher flows
- Automatic shut-off valve
- Exclusive serviceable check valve eliminates spring 'chatter' noise common in other RO's
- Quick connect fittings for ease of installation
- Powder coated bracket
- Dual purpose wrench for use on membrane cap and filter housing
- Dimensions: 15.0"w x 17.7"h x 6.9"d Pump Model

Model #	Part #	Stage 1	Stage 2	Stage 3	Stage 4	Storage Tank	Faucet
H.E.R.O.™	20010075	Sediment Filter	Activated Carbon Block Filter	Reverse Osmosis Membrane	Activated Carbon Polishing Filter	Plastic Tank - 3.0 Gallons	Chrome - Standard

# DESIGNER RO FAUCETS

Designer RO faucets are a stylish addition to any kitchen. The NSF Certified lead-free ceramic disk faucets are available in many attractive finishes to coordinate with any decor. The faucets feature lead-free plastic water passages and lead-free brass gooseneck spouts that swivel 360 degrees for ease of use.



VS905

VS888



Color Sample Display #87591

Polished Chrome

Bright Black

Brushed Nickel

Oil Rubbed Bronze

Bright Golden

Specifications	VS888	VS905
Height	11.5" (292mm)	11.075" (281.32mm)
Spout Reach	5.7" (146mm)	4.75" (120mm)
Mounting Hole Diameter	1/2" (12.5mm)	1/2" (12.5mm)
Base Diameter	1.73" (44mm)	1.76" (44.8mm)
Connection	1/4" compression nut fitting	1/4" compression nut fitting
Operating Pressure	125 PSI/8.3BAR	125 PSI/8.3BAR
Flow Rate	1.0 gpm/3.785lpm @35 PSI/2.32BAR	1.0 gpm/3.785lpm @35 PSI/2.32BAR
Temp Rating	4°C/40°F to 70°C/158°F	4°C/40°F to 70°C/158°F
Warranty	2 Years	2 Years

\* All mounting hardware included. A 3/8" quick connect faucet adapter fitting (#PP3212U7W) can be purchased separately.

## NON AIR GAP FAUCETS

PART #	DESCRIPTION
87588	Faucet, VS888, Antique Brass
87581	Faucet, VS888, Brushed Nickel
87580	Faucet, VS888, Polished Chrome
87584	FAUCET, VS888, BLACK
87583	Faucet, VS905, Brushed Nickel
87587	Faucet, VS905, Oil Rubbed Bronze
87582	Faucet, VS905, Polished Chrome
87591	Faucet Colour Sample Display
92710	Stand, Display

## AIR GAP, NSF / ANSI 61 CERTIFIED

PART #	DESCRIPTION
92653	FAUCET, VS888, POLISHED CHROME, AIR GAP
87597	FAUCET, VS888, BRUSHED NICKEL, AIR GAP
87592	FAUCET, VS905, POLISHED CHROME, AIR GAP
87595	FAUCET, VS905, BLACK, AIR GAP
87596	FAUCET, VS905, ANTIQUE BRONZE, AIR GAP
87594	FAUCET, VS905, BRUSHED NICKEL, AIR GAP
87611	FAUCET, VS905, BRUSHED CHROME, AIR GAP



Air Gap

Non-Air Gap

# AQUA FLO H4P RESIDENTIAL SYSTEMS: GENESIS H2O: ULTRAVIOLET DISINFECTION SYSTEM

## A Security System For Your Water

UV technology provides additional security for your water supply. It is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals.

## Gen H4P Residential Systems

### Features:

- Now available with integral lamp life monitor, with both audible and visual indication of lamp life
- Axial flow, 304 stainless steel, polished reactors
- Designed & manufactured to ASME pressure vessel standards
- Flow rates stated at 95% UVT at a dose of 30mJ/cm<sup>2</sup>
- User friendly bayonet style lamp connector (quick ¼ turn removal with no extra tools needed)
- True gland seal retaining nut with positive stop
- Reliable, industry proven low pressure high-output (LP-HO) coated UV lamps with ceramic bases for durability and a 10,000 hour life (1 year)
- Constant current electronic controller (one controller for all systems) in a splash-proof case with audible and visual lampfailure indicators
- New tactile selector button
- Warranty (refer to Owner's Manual for complete details including conditions & exclusions):
  - Reactor Chamber – Ten (10) Year Limited
  - Electronics – Three (3) Year Limited
  - UV Lamps – One (1) Year Limited



### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

### REPLACEMENT PARTS

System	Lamps	Sleeves	Controller
Aqua Flo Gen H4-10P	40040019	40040041	40040075
Aqua Flo Gen H4-15P	40040020	40040042	40040075

AQUA FLO®		AQUA FLO Gen H4P System Equipment Specifications	
		GenH4-10P 40030065	GenH4-15P 40030066
Flow Rate 30mJ/cm <sup>2</sup> @ 95% UVT		10 gpm	15 gpm
		38 lpm	56.8 lpm
		2.3 m <sup>3</sup> /hr	3.4 m <sup>3</sup> /hr
Flow Rate 40mJ/cm <sup>2</sup> @ 95% UVT		7.0 gpm	11 gpm
		26 lpm	42 lpm
		1.6 m <sup>3</sup> /hr	2.5 m <sup>3</sup> /hr
Port Size		1" MNPT	1" MNPT
Electrical	90-265v / 50-60Hz		
Lamp Power (Watts)	34	45	
Power (Watts)	38 (36 @ 230V)	57 (48 @ 230V)	
Replacement Lamp	40040019	40040020	
Replacement Sleeve	40040041	40040042	
Reactor Dimensions	8.9 x 41.8 cm (3.5 x 16.5")	8.9 x 50.8 cm (3.5 x 20.0")	
Chamber Material	304L Stainless Steel, A249 Pressure Rated Tubing		
Controller Dimensions	21.7 x 10.8 x 10.2 cm (8.6 x 4.2 x 4")		
Operating Pressure	0.7-10.3 bar (10-150 psi)		
Operating Water Temperature	2-40° C (36-104° F)		
Temperature Mgmt. Valve	PN# 40040099	PN# 40040100	
Lamp Change Reminder	YES		
Lamp Out Indicator	YES		
Shipping Weight	5.4 kg (11.9 lbs)	6.0 kg (13.2 lbs)	



\* For specialty UV applications including hot water, low UVT or TOC talk to your regional sales manager.

# AQUA FLO GEN 4HP UV/FILTER RACK SYSTEM

## A Combination Water System For Your Entire Home or Cottage

Combining ultraviolet disinfection (UV) with whole-house filtration provides your home or cottage with clean, great-tasting water that you can rely on. UV is proven to control microbiological (bacteria & virus) issues in water including *E.coli*, *Cryptosporidium*, and *Giardia Lamblia* without the use of chemicals. Combining UV disinfection with whole-house sediment and/or carbon pre-treatment filters improves UV performance and the taste, smell and clarity of your water.

### Features:

- ➔ Two models provide a range of flow rate and filter combination options suitable for your specific needs
- ➔ NEW filter design, includes new one-piece, (pressure relief, wrench, and new integral hanging clip included with all systems)
- ➔ NEW LED lamp countdown (4.1 variants)
- ➔ Universal mounting configuration (left or right access)
- ➔ NSF component listed filtration cartridges (included with systems)
- ➔ Axial flow, 304L stainless steel polished reactors, fully polished, designed & manufactured to ASME pressure vessel standards
- ➔ Reliable, industry proven, coated UV lamps, (9000 hrs on 8 gpm / 10,000 on 15 gpm unit)



Gen H4- 15R2P



Gen 4-8R1P

AQUA FLO®		AQUA FLO Gen 4P UV/Filter Rack System Equipment Specifications	
		AQUA FLO GEN-4, UV/Filter Rack System	
MODEL	GenH4-8R1P 40030067	GenH4-15R2P 40030069	
Flow Rate (@ 30 ml/cm <sup>2</sup> @ 95% UVT)	8.0 GPM	15.0 GPM	
	30.3 lpm	56.8 lpm	
	1.8 m <sup>3</sup> /hr.	3.4 m <sup>3</sup> /hr.	
1st Filter Housing	10" 5 Micron Sediment 26235	20" 5 Micron Sediment 26239	
2nd Filter Housing	N/A	N/A	
Port Size	1" MNPT		
Electrical	90-265V/50-60Hz.		
Plug Type	American, Nema 5/15, 3 wire for all 110V systems		
Lamp Watts	20 (Standard-Output Lamp)	45 (High-Output Lamp)	
Power (watts)	23 (21 @ 230V.)	57 (48 @ 230V.)	
Max Current (amps)	1		
Chamber Dimensions	3.5 x 20" (8.9 x 50.8 cm)	3.5 x 20" (8.9 x 50.8 cm)	
Chamber Material	Polished 304L stainless steel, A249 pressure rated tubing		
Controller Dimensions	6.8 x 3.6 x 3" (171.5 x 92.1 x 76.2 mm)	8.6 x 4.2 x 3.5" (21.7 x 10.8 x 8.9 cm)	
Operating Pressure	0.7-10.3 bar (10-150 psi)		
Operating Water Temperature	2-40° C (36-104° F)		
Lamp Change Reminder (Audible & Visual)	Yes		
Lamp-Out Indicator (Audible & Visual)	Yes		
Shipping Weight	8 gpm: 11.3 kg / 25 lbs	15gpm: 12.4 kg / 27.4 lbs	

Note: Based on flow velocity of 8.2 ft/sec (2.5 m/sec.), flow rate limited to **15 gpm (57 lpm) (3.4 m3/hr.)** for 1" port

### Guidelines for Use

Parameter	Level
Hardness	< 7 gpg (120 mg/L)
Iron (Fe)	< 0.3ppm (mg/L)
Manganese (Mn)	< 0.05ppm (mg/L)
Tannins	< 0.1ppm (mg/L)
Turbidity	< 1 NTU
Transmittance (UVT)	> 75%

### REPLACEMENT PARTS

System	Lamp	Sleeve	Controller
GEN4-8R1P	40040096	40040042	40040112
GENH4-15R2P	40040020	40040042	40040075



# AQUA FLO POINT-OF-USE FILTRATION PRODUCTS PROVIDE DURABLE, HIGH-QUALITY RELIABLE PERFORMANCE

## AQUA FLO®

### AQUA FLO® PLATINUM *Filter Housing Kits*



**Aqua Flo® Filter Housings** are made to last, offering high-quality performance at economical prices. All housing kits are easy to install and come complete with a mounting bracket and hardware plus sump wrench for easy sump removal. Filter cartridges are sold separately.

### *Filter Cartridges*



There is an overwhelming selection of cartridges to choose from. We offer a range of popular cartridges to cover most water quality needs. Your Professional Water Specialist can help determine the correct filtration products for your needs.

# The Canature WaterGroup™ Story

Canature WaterGroup™ is one of North America's leading manufacturers and distributors of residential and commercial water treatment solutions.

Our mission is to provide **Exceptional Value** by producing **Innovative, High Quality Products** in the most efficient manner possible.

With **Fifty Years** of industry experience, we're able to provide unparalleled industry-leading support from start to finish on every project. From water analysis and system selection and sizing to start-up support, we're with you every step of the way. Our team of knowledgeable engineers provides professional drawings and spec sheets for every job.



*Our commercial water treatment systems are suited for a wide range of applications, including:*

**Laundromats, Car Washes, Restaurants, Hospitals, Schools, Hotels, Office Buildings, Manufacturing Facilities and Livestock Operations.**



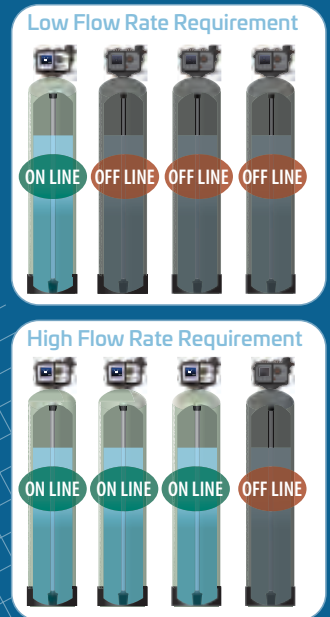
# MTS Softeners

## Industry Leading Responsive Flow Multi-Tank Systems (MTS)

MTS systems use **40-50% less salt and regeneration water** compared to conventional systems. During periods of **High Flow Demand** tanks come on-line to add flow rate capacity. During periods of **Low Flow Demand** tanks go off-line ensuring **Optimal Efficiency and Water Quality**.

### Benefits of an MTS System:

- ◆ Lower Capital Cost
- ◆ Lower Operating Costs
- ◆ Increased System Efficiency
- ◆ Consistent, High Quality Water
- ◆ Ease of Service



*We offer a complete line of efficient, high quality commercial water softener systems.*

### 95MTS Series Softeners

The 95MTS softeners can soften **up to 308 gpm\***. Flow rates of up to **44 gpm** per tank and the ability to control up to 8 softeners from a single controller.



### 105MTS Series Softeners

The 105MTS softeners can soften **up to 462 gpm\***. Flow rates of up to **66 gpm** per tank and the ability to control up to 8 softeners from a single controller.



*\*Based on one tank being off-line at all times.*

### FHF Series Softeners

FHF Series softeners provide **up to 885 gpm** of soft water (based on a quadplex system with one tank off-line at all times).



*Available as a Multi-Tank System.*

### Multi-Valve System (MVS) Series Softeners

MVS Series softeners provide **up to 885 gpm** of soft water (based on a quadplex system with one tank off-line at all times).



*Available as a Multi-Tank System.*

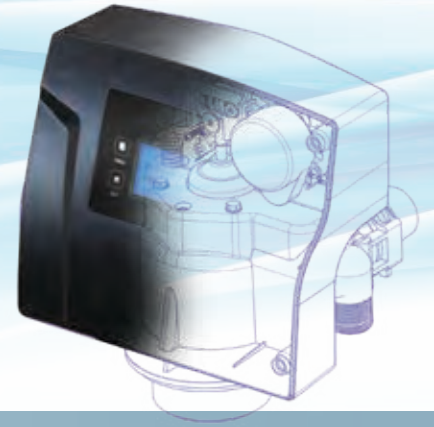
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