



Grow Your Plumbing Business!



PARTNER WITH THE PROVEN EXPERTS

Elevate Your Plumbing Business

WITH NOVO PROADVANTAGE CERTIFICATION

By becoming **ProAdvantage Certified**, you'll be positioned to offer a valuable, in-demand service that your customers need—enhancing your reputation, expanding your market and boosting your bottom line.

INCREASED EARNINGS

Water conditioning products are a natural addition to your plumbing service and they can significantly enhance your revenue.

SPECIALIZED KNOWLEDGE

As a certified professional, you'll have the expertise to offer your customers water conditioning solutions they can trust.

CUSTOMER SATISFACTION

Offering high-quality water conditioning solutions to customers will preserve the life of their plumbing systems and appliances, increasing their satisfaction and loyalty.

COMPETITIVE EDGE

Set yourself apart in the plumbing industry with a certification that shows you're a professional with specialized skills, committed to the highest standards of service.



How to Become ProAdvantage Certified

LEVEL ONE TRAINING

Free, online video-based training that you can do from anywhere in just 15 minutes. After completing the online training, you'll receive our free Novo ProAdvantage kit including:

- Water test kits for hardness, chlorine & chloramines
- Softener sizing guide
- Sales materials



LEVEL TWO CERTIFIED TRAINING

We offer Level two training online through our 10-week webinar course or in-person led by one of our knowledgeable regional sales managers.

AS A CERTIFIED NOVO PROADVANTAGE DEALER, YOU'LL RECEIVE:

- Vehicle & window decals
- Sales brochures
- Showroom poster & banner
- Water sample kit
- Softener sizing guide
- Listing on Novo website dealer locator
- Access to digital marketing images & product installation / training videos



**START YOUR
CERTIFICATION
TODAY**

High-Efficiency Technology, High-Quality Systems

489 VALVE FEATURES

True 1" Porting For high-flow applications.

1" 90-Degree Elbows Included for easy installation.

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

Timesaving Quick Connect Fittings Quick connect fittings on bypass, drain line (10' included), brine line and power cord. Bypass included.



Four Line Touch Pad LCD Display No-touch rotating information display. Just set the time, date, and hardness.

48-Hour Programming Memory Automatic programming restore for up to 48 hours during power loss.



485 VALVE FEATURES

3/4" 90-Degree Elbows Included for easy installation.

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.



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.



ECONO FLO VALVE FEATURES

3/4" 90-Degree Elbows Included for easy installation.

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.



Simple Electronics Just set time of day, hardness and number of people.

Optional Regeneration Modes Meter immediate, meter delayed, meter override, calendar clock modes.

48-Hour Programming Memory Automatic programming restore for up to 48 hours during power loss.



Aqua Alert® Provides Peace of Mind

The **Aqua Alert WiFi App** helps you stay on top of your home's water softener performance by delivering real-time notifications to your email to ensure it's always working properly and efficiently.

With Aqua Alert, you can effortlessly manage your water softener anytime, anywhere with peace of mind.



Service Reminders

Never forget any service requirements



Salt Sensor

Monitors salt level in the brine tank



Leak Alert

Notifications sent directly to your email



Remote Regeneration

Remotely regenerate your softener



Performance Data

An overview of your softener's performance



Diagnostics

Notifies you of potential issues



Optional Leak Alarm & Remote Shut-off

Shut off the water to your entire home in case of a leak



489UF and 485UF HTO

Water Softener & Whole Home Carbon Filter

Ideal for households on municipal water, the **485UF** and **489UF HTO** combine high-efficiency water softening with whole home carbon filtration. IAPMO certified to soften water and reduce chlorine, the HTO gets rid of bad taste and odor caused by chlorine, chloramines and chlorine by-products such as chloroform and other trihalomethanes (THMs). Plus, enjoy all of the features and benefits of our 485 and 489 high-efficiency water softeners.

**TRUE 1"
PORTING**

**97% CHLORINE
REMOVAL FOR OVER
1,100,000 GALLONS***

Based on models: NVO485UFHTO-100 and
NVO489UFHTO-100.



IAPMO R&T Certified to
NSF/ANSI 44, 372 and
CSA B483.1.



IAPMO R&T Certified to
NSF/ANSI 372 and 42 for
Chlorine Reduction



CONTROL
VALVE



PRESSURE
TANK

489UF HTO

485UF HTO

TankMate™ Unique design sends
water through both the carbon
and resin tanks in a single pass.



485UF & 489UF HTO

Water Softener & Whole Home Carbon Filter

489UF HTO SPECIFICATIONS

MODEL NUMBER	NVO489UFHTO-100	NVO489UFHTO-150	NVO489UFHTO-200	NVO489UFHTO-300
Item Number	15020216-1	15020272-1	15020213-1	15020214-1
MODEL NUMBER	NVO489UFHTOK-100	NVO489UFHTOK-150	NVO489UFHTOK-200	TOK models available in the USA only.
Item Number	15020273-1	15020274-1	15020275-1	
Salt Used Per Regeneration	6.0 lbs	9.0 lbs	12.0 lbs	18.0 lbs
Water Used Per Regeneration	86.4 gal	148.0 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 ³	1.50 ft ³	2.0 ft ³	3.0 ft ³
Tank #2 Resin Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³	2.0 ft ³	3.0 ft ³
Pressure Tank Size (Inches)	9 x 48	10 x 54	12 x 52	14 x 65
Media Loaded	Yes	Yes	Yes	No
Salt Storage Capacity	270 lbs	270 lbs	350 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 US gpm	7.4 US gpm	9.0 US gpm	9.2 US gpm
Flow Rate @ 25 psi Pressure Drop	10.0 US gpm	10.1 US gpm	11.9 US gpm	12.1 US gpm
Backwash Flow Rate	2.4 US gpm	3.5 US gpm	4.0 US gpm	10.0 US gpm
Shipping Weight	167 lbs	218 lbs	278 lbs	425 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)			
Plumbing Connections	INCLUDES 1" 90° NPT ELBOWS			
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN			
Carbon Type	HTO MODELS - AQUAFINE® CATALYTIC CARBON HTOK MODELS - AQUAFINE® CATALYTIC CARBON WITH KDF85			
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)			

485UF HTO SPECIFICATIONS

MODEL NUMBER	NVO485UFHTO-100	NVO485UFHTO-150	NVO485UFHTO-200	NVO485UFHTO-300
Item Number	15020484-1	15020485-1	15020486-1	15020487-1
MODEL NUMBER	NVO485UFHTOK-100	NVO485UFHTOK-150	NVO485UFHTOK-200	TOK models available in the USA only.
Item Number	15024069-1	15024070-1	15024071-1	
Salt Used Per Regeneration	6.0 lbs	9.0 lbs	12.0 lbs	18.0 lbs
Water Used Per Regeneration	86.4 gal	148.0 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 ³	1.50 ft ³	2.0 ft ³	3.0 ft ³
Tank #2 Resin Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³	2.0 ft ³	3.0 ft ³
Pressure Tank Size (Inches)	9 x 48	10 x 54	12 x 52	14 x 65
Media Loaded	Yes	Yes	Yes	No
Salt Storage Capacity	270 lbs	270 lbs	350 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 US gpm	7.4 US gpm	9.0 US gpm	9.2 US gpm
Flow Rate @ 25 psi Pressure Drop	10.0 US gpm	10.1 US gpm	11.9 US gpm	12.1 US gpm
Backwash Flow Rate	4.0 US gpm	5.0 US gpm	7.0 US gpm	11.0 US gpm
Shipping Weight	167 lbs	218 lbs	278 lbs	425 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)			
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS			
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN			
Carbon Type	HTO MODELS - AQUAFINE® CATALYTIC CARBON HTOK MODELS - AQUAFINE® CATALYTIC CARBON WITH KDF85			
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)			

489UF and 485UF Softener

High-Performance, High-Efficiency, Advanced Technology

The **Novo 489UF and 485UF** are the perfect blend of high-efficiency and high-performance. Third-party certified to provide luxuriously soft water throughout your home, you'll enjoy the added convenience of using less water and buying less salt.

489UF

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

485UF

**TRUE 1"
PORTING**



CONTROL
VALVE



PRESSURE
TANK



489UF Cabinet



485UF Cabinet

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.

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

Cabinet Features: Cabinet comes with safety float and air check.

489UF and 485UF Softener

High-Performance, High-Efficiency, Advanced Technology

489UF SOFTENER SPECIFICATIONS

MODEL NUMBER	NVO489UF-100	NVO489UF-150	NVO489UF-200	NVO489UF-300	NVO489UF-100C
Item Number	15020661	15020662	15020663	15020664	15020693
SYSTEM CAPACITY GRAINS					
@ 10 lbs / Cubic Feet	30,000	45,000	60,000	90,000	30,000
@ 6 lbs / Cubic Feet (Factory Setting)	25,000	37,500	50,000	75,000	25,000
@ 3 lbs / Cubic Feet	15,000	22,500	30,000	45,000	15,000
REGENERATION WATER USAGE (GALLONS)					
Clean Water (Factory Setting)	43.4 gal	62.7 gal	87.1 gal	139.2 gal	48.6 gal
Problem Water	64.3 gal	90.3 gal	124.6 gal	196.2 gal	69.5 gal
Resin Quantity (Cubic Feet)	1.0 ft ³	1.5 ft ³	2.0 ft ³	3.0 ft ³	1.0 ft ³
Pressure Tank Size (Inches)	9 x 48	10 x 54	12 x 52	14 x 65	NA
Media Loaded	Yes	Yes	Yes	No	Yes
Salt Storage Capacity	270 lbs	270 lbs	350 lbs	420 lbs	225 lbs
Flow Rate @ 15 psi Pressure Drop	11.0 US gpm	11.2 US gpm	12.2 US gpm	12.6 US gpm	12.0 gpm
Flow Rate @ 25 psi Pressure Drop	15.0 US gpm	15.1 US gpm	16.2 US gpm	16.6 US gpm	16.0 gpm
Backwash Flow Rate	2.0 US gpm	2.5 US gpm	3.5 US gpm	5.0 US gpm	2.5 US gpm
Shipping Weight	102 lbs	134 lbs	169 lbs	279 lbs	110 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)				
Plumbing Connections	INCLUDES 1" 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)				

485UF SOFTENER SPECIFICATIONS

MODEL NUMBER	NVO485UF-075	NVO485UF-100	NVO485UF-150	NVO485UF-200	NVO485UF-300	NVO485UF-100C
Item Number	15020452	15020453	15020454	15020455	15020456	15020451
HIGH EFFICIENCY SETTING (OPTIONAL)						
Salt Used Per Regeneration	2.3 lbs	3.0 lbs	4.5 lbs	6.0 lbs	9.0 lbs	3.0 lbs
Water Used Per Regeneration	22.6 gal	31.6 gal	44.3 gal	60.9 gal	102.2 gal	28.3 gal
Hardness Removal (Grains)	11,250	15,000	22,500	30,000	45,000	15,000
FACTORY SETTING (STANDARD CAPACITY)						
Salt Used Per Regeneration	4.5 lbs	6.0 lbs	9.0 lbs	12.0 lbs	18.0 lbs	6.0 lbs
Water Used Per Regeneration	34.0 gal	43.4 gal	62.7 gal	87.1 gal	139.2 gal	48.6 gal
Hardness Removal (Grains)	18,750	25,000	37,500	50,000	75,000	25,000
HIGH CAPACITY SETTING (OPTIONAL)						
Salt Used Per Regeneration	7.5 lbs	10.0 lbs	15.0 lbs	20.0 lbs	30.0 lbs	10.0 lbs
Water Used Per Regeneration	49.6 gal	64.3 gal	90.3 gal	124.6 gal	196.2 gal	69.5 gal
Hardness Removal (Grains)	22,500	30,000	45,000	60,000	90,000	30,000
Resin Quantity (Cubic Feet)	0.75 ft ³	1.0 ft ³	1.5 ft ³	2.0 ft ³	3.0 ft ³	1.0 ft ³
Pressure Tank Size (Inches)	8 x 44	9 x 48	10 x 54	12 x 52	14 x 65	NA
Flow Rate @ 15 psi Pressure Drop	10.4 US gpm	11.0 US gpm	11.2 US gpm	12.2 US gpm	12.6 US gpm	12.0 US gpm
Flow Rate @ 25 psi Pressure Drop	14.3 US gpm	15.0 US gpm	15.1 US gpm	16.2 US gpm	16.6 US gpm	16.0 US gpm
Backwash Flow Rate	1.5 US gpm	2.0 US gpm	2.4 US gpm	3.5 US gpm	5.0 US gpm	2.4 US gpm
Salt Storage Capacity	270 lbs	270 lbs	270 lbs	350 lbs	420 lbs	175 lbs
Media Loaded	Yes	Yes	Yes	Yes	No	Yes
Shipping Weight	87 lbs	102 lbs	134 lbs	169 lbs	279 lbs	110 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)					
Maximum Efficiency	5,060 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 (206 - 862 KPA)					

ECONO FLO Softener

Reliable, Affordable, Lasting Performance

The **Econo Flo** is perfect for homeowners looking for a reliable water softener that offers basic features and good value. Third-party certified to provide soft water throughout the home, the Econo Flo is known for its long-lasting performance.

KEY FEATURES

Outstanding Value:

Simple electronics for the same price as mechanical metered units.

Essential Features:

Adjustable cycle times and optional regeneration modes (meter immediate, meter delayed, meter override, calendar clock modes).

Cabinet Features:

Cabinet comes with safety float and air check.

Tank Features:

Brine tank with safety float, air check and injection molded brine grid to reduce bridging. Reliable, NSF certified pressure tank.



CONTROL VALVE



PRESSURE TANK



IAPMO R&T Certified to NSF/ANSI 44, 372 and CSA B483.1.



Econo Flo Cabinet



USES UP TO 50% LESS SALT & 28% LESS WATER

Econo Flo Softener

MODEL NUMBER	EFT-075	EFT-100	EFT-150	EFT-200	EFT-300	EFC-100
Item Number	82119	82120	82121	82122	82123	82118
CAPACITY (GRAINS)						
@ 10 lbs/Cubic Feet	19,875	26,500	33,125	53,000	79,500	26,500
@ 6 lbs/Cubic Feet Factory Setting	16,500	22,000	27,500	44,000	66,000	22,000
@ 3 lbs/Cubic Feet	10,500	14,000	17,500	28,000	42,000	14,000
Service Flow Rate @ 15 psi Pressure Drop	8.0 US gpm	10.0 US gpm	12.0 US gpm	13.0 US gpm	15.0 US gpm	10.0 US gpm
Backwash Flow Rate	1.5 US gpm	2.0 US gpm	2.4 US gpm	3.5 US gpm	5.0 US gpm	2.4 US gpm
Total Resin (Cubic Feet)	0.75 ft ³	1.0 ft ³	1.5 ft ³	2.0 ft ³	3.0 ft ³	1.0 ft ³
Pressure Tank Size (Inches)	8 x 44	9 x 48	10 x 54	12 x 52	14 x 65	NA
Media Loaded	Yes	Yes	Yes	Yes	No	Yes
Salt Storage Capacity	240 lbs	240 lbs	240 lbs	350 lbs	420 lbs	225 lbs
Shipping Weight	87 lbs	102 lbs	134 lbs	169 lbs	279 lbs	110 lb
Regeneration Type	DOWNFLOW (COCURRENT)					
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)					

BIF Water Filters

Reduce Iron, Manganese and Sulphur without Chemicals

The **BIF** uses a two-tank design to reduce stubborn iron, manganese and sulfur without chemicals. The first tank contains a pocket of compressed air that precipitates the iron into solid form. The second tank reduces the solidified iron as it passes through the media bed.

The media acts as a catalyst in the reaction between iron and oxygen that also causes the iron to precipitate into a solid.



IAPMO R&T Certified to NSF/ANSI 42, 372 and CSA B483.1.



CONTROL VALVE



PRESSURE TANK



EF665BIF



CONTROL VALVE



PRESSURE TANK



NVO489BIF

TRUE 1" PORTING

Specifications

Specifications	EF665BIF-100	EF665BIF-150		
	82480-1	82481-1		
	EF665BIFMN-100	EF665BIFMN-150		
	82486-1	82487-1		
	EF665BIFMM-100 (Multi-Media)	EF665BIFMM-150 (Multi-Media)		
	82484-1	82485-1		
	EF665BIFCC-100 (Catalytic Carbon)	EF665BIFCC-150 (Catalytic Carbon)		
	82482-1	82483-1		
	489DFBIF-100	489DFBIF-150	489DFBIF-200	489DFBIF-300
	15060190-1	15060191-1	15060192-1	15060193-1
	489DFBIFMN-100	489DFBIFMN-150	489DFBIFMN-200	489DFBIFMN-300
	15060194-1	15060195-1	15060196-1	15060197-1
NVO489DFBIFMM-150				
15060217-1				
Service Flow Rate	3.0 US gpm	4.0 US gpm	5.0 US gpm	6.0 US gpm
Peak Flow Rate	6.0 US gpm	10.0 US gpm	12.0 US gpm	14.0 US gpm
Backwash Flow Rate	5.0 US gpm	5.0 US gpm	7.0 US gpm	10.0 US gpm
Media (Cubic Feet)	1.0 ft ³	1.5 ft ³	2.0ft ³	3.0 ft ³
Pressure Tank Size (Inches)	9 x 48	10 x 54	12 x 52	14 x 65
Air Contact Tank Size (Inches)	9 x 48	10 x 54	12 x 52	14 x 65
Shipping Weight	BIF (489/EF665): 170 lbs BIFMN (489/EF665): 168 lbs BIFMM (EF665): 149 lbs BIFCC (EF 665): 100 lbs	BIF (489/EF665): 200 lbs BIFMN (489/EF665): 197 lbs BIFMM (EF665): 164 lbs BIFCC (EF665): 117 lbs	BIF: 381 lbs BIFMN: 357 lbs	BIF: 409 lbs BIFMN: 402 lbs
	BIF/BIFMN/BIFCC: Yes BIFMM: No	BIF/BIFMN/BIFCC: Yes BIFMM: No	No	No
Maximum Iron	BIF and BIFMN models 30.0 ppm BIFMM models 10.0 ppm BIFCC models 0.0 ppm			
Hydrogen Sulfide	BIF and BIFMM 1.0 ppm / BIFMN 3.0 ppm / BIFCC 5.0 ppm			
Manganese	BIF, BIFMM & BIFCC 0.0 ppm / BIFMN up to 1.0 ppm			
Iron Bacteria Removal	No			
pH	BIFMN pH 6.5 - 7.5 BIF & BIFCC pH 7.0 - 8.5 BIFMM pH 7.2 - 8.5			
Plumbing Connections	INCLUDES 1" (489 models) or 3/4" (EF665 models) 90° NPT ELBOWS			
Electrical Requirements	INPUT 120V 60 Hz - OUTPUT 12V 650mA			
Water Temperature	MIN 40° - MAX 110° F (4° - 43° C)			
Water Pressure	MIN 30 - MAX 125 PSI (207 - 862 KPA)			

BIFMN Models: For low pH and/or high manganese applications.

BIFMM Models: Hydrogen sulfide filter with multi media for use on tannin bearing water. This model is not certified IAPMO to NSF/ANSI 42.

BIFCC Models: Hydrogen sulfide removal with catalytic carbon for higher than normal H2S removal (up to 5.0 ppm). This model is not certified IAPMO to NSF/ANSI 42.

Whole Home Carbon Filtration

Reduce Chlorine, Chloramines and Other Chemicals From Your Water

Chlorine and chloramines are the most widely used disinfectants in municipal water treatment, ensuring water remains biologically safe during distribution to homes and businesses. However, once delivered, these disinfectants can pose health risks and cause long-term damage to plumbing systems.

Carbon filtration remains the most effective and proven method for reducing chlorine, chloramines, and various other contaminants, including heavy metals like lead and mercury, pesticides, volatile organic compounds (VOCs), trihalomethanes (THMs), toxic organics, phenols and tannins. In addition to health concerns, chlorine, chloramines and organic compounds can negatively affect your water's taste and odor.

KEY FEATURES

Chlorine Reduction: Novo TO and TOK filters use high-quality AQUAFINE® granular activated carbon (GAC) to adsorb chlorine and organic compounds, significantly improving water quality.

Chloramine Reduction: Novo DFTOC, DFTOCK and DFCLA filters use AQUAFINE® catalytic granular activated carbon to reduce chloramine, chlorine and organic compounds.

Optional KDF: DFTOK and DFTOCK models feature a KDF protector that controls rotten egg odor caused by sulphate reducing bacteria that can occur in carbon filters on some municipal water supplies in warm water markets (available only in the U.S.A.).

Tank Features: Moisture wicking neoprene tank jacket included on all 489DFTO and 485DFTO tanks.

489DFTO

485DFTO



97% CHLORINE REMOVAL OVER 1,100,000 GALLONS*

489 and 485 Carbon Filters



CONTROL VALVE



PRESSURE TANK



DISTRIBUTION HEAD



PRESSURE TANK

*Based on models: NVO489DFTO-150, NVO485DFTO-150 and NRVTO-150.



IAPMO R&T Certified to NSF/ANSI 42, 372 and CSA B483.1.

NRV Carbon Filters

NRVTO



489 CARBON FILTERS

Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
TASTE & ODOR FILTERS (SINGLE TANK, AQUAFINE® GRANULAR ACTIVATED CARBON - COCONUT SHELL)										
15060754	NVO489DFTO-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	1"	Yes	66 lbs	750,000 gal
15060755	NVO489DFTO-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	1"	Yes	85 lbs	1,100,000 gal
15060756	NVO489DFTO-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	1"	Yes	107 lbs	1,500,000 gal
15060757	NVO489DFTO-300	3.0 ft³	12.0 US gpm	15.0 US gpm	10.0 US gpm	14 x 65	1"	No	160 lbs	2,250,000 gal
Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
TASTE & ODOR FILTERS WITH KDF (SINGLE TANK, AQUAFINE® GRANULAR ACTIVATED CARBON WITH KDF85) Available only in the U.S.A.										
15060759	NVO489DFTOK-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	1"	Yes	66 lbs	750,000 gal
15060760	NVO489DFTOK-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	1"	Yes	85 lbs	1,100,000 gal
15060761	NVO489DFTOK-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	1"	Yes	107 lbs	1,500,000 gal
Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS (SINGLE TANK, AQUAFINE® CATALYTIC CARBON)										
15060764	NVO 489DFTOC-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	1"	Yes	66 lbs	750,000 gal
15060765	NVO 489DFTOC-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	1"	Yes	85 lbs	1,100,000 gal
15060766	NVO 489DFTOC-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	1"	Yes	107 lbs	1,500,000 gal
15060767	NVO 489DFTOC-300	3.0 ft³	12.0 US gpm	15.0 US gpm	10.0 US gpm	14 x 65	1"	No	160 lbs	2,250,000 gal
Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS WITH KDF (SINGLE TANK, AQUAFINE® CATALYTIC CARBON WITH KDF85) AVAILABLE ONLY IN THE U.S.A.										
15060769	NVO489DFTOCK-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	1"	Yes	66 lbs	750,000 gal
15060770	NVO489DFTOCK-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	1"	Yes	85 lbs	1,100,000 gal
15060771	NVO489DFTOCK-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	1"	Yes	107 lbs	1,500,000 gal

Whole Home Carbon Filtration

Reduce Chlorine, Chloramines and Other Chemicals from Your Water

485 CARBON FILTERS

Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
TASTE & ODOR FILTERS (SINGLE TANK, AQUAFINE® GRANULAR ACTIVATED CARBON - COCONUT SHELL)										
15064006	NVO485DFTO-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064007	NVO485DFTO-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064008	NVO485DFTO-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064009	NVO485DFTO-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 ga
15064010	NVO485DFTO-300	3.0 ft³	12.0 US gpm	15.0 US gpm	10.0 US gpm	14 x 65	3/4"	No	160 lbs	2,250,000 gal
Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
TASTE & ODOR FILTERS WITH KDF (SINGLE TANK, AQUAFINE® GRANULAR ACTIVATED CARBON WITH KDF85) AVAILABLE ONLY IN THE U.S.A.										
15064060	NVO485DFTOK-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064061	NVO485DFTOK-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064062	NVO485DFTOK-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064063	NVO485DFTOK-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 gal
Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS (SINGLE TANK, AQUAFINE® CATALYTIC CARBON)										
15064083	NVO 485DFTOC-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064084	NVO 485DFTOC-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064079	NVO 485DFTOC-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064085	NVO 485DFTOC-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 gal
15064086	NVO 485DFTOC-300	3.0 ft³	12.0 US gpm	15.0 US gpm	10.0 US gpm	14 x 65	3/4"	No	160 lbs	2,250,000 gal
Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS WITH KDF (SINGLE TANK, AQUAFINE® CATALYTIC CARBON WITH KDF85) AVAILABLE ONLY IN THE U.S.A.										
15064087	NVO485DFTOCK-075	0.75 ft³	4.0 US gpm	5.0 US gpm	3.5 US gpm	8 x 44	3/4"	Yes	57 lbs	500,000 gal
15064088	NVO485DFTOCK-100	1.0 ft³	5.0 US gpm	7.0 US gpm	4.0 US gpm	9 x 48	3/4"	Yes	66 lbs	750,000 gal
15064080	NVO485DFTOCK-150	1.5 ft³	7.0 US gpm	10.0 US gpm	5.0 US gpm	10 x 54	3/4"	Yes	85 lbs	1,100,000 gal
15064089	NVO485DFTOCK-200	2.0 ft³	10.0 US gpm	12.0 US gpm	7.0 US gpm	12 x 52	3/4"	Yes	107 lbs	1,500,000 gal
Item #	Model	Media (Cu Ft)	Flow Rate			Pressure Tank Size (inches)	Pipe Size (inches)	Media Loaded	Shipping Weight (lbs)	Capacity
			Service	Peak	Backwash					
CHLORAMINE REDUCTION FILTERS (DUAL TANK, AQUAFINE® CATALYTIC CARBON)										
15064035-1	NVO485DFCLA-075	1.5 ft³	4.0 US gpm	7.0 US gpm	5.0 US gpm	8 x 44	3/4"	Yes	122 lbs	1,000,000 gal
15064036-1	NVO485DFCLA-100	2.0 ft³	5.0 US gpm	8.0 US gpm	7.0 US gpm	9 x 48	3/4"	Yes	140 lbs	1,500,000 gal
15064037-1	NVO485DFCLA-150	3.0 ft³	8.0 US gpm	10.0 US gpm	10.0 US gpm	10 x 54	3/4"	Yes	178 lbs	2,200,000 gal
15064038-1	NVO485DFCLA-200	4.0 ft³	10.0 US gpm	12.0 US gpm	14.0 US gpm	12 x 52	3/4"	Yes	222 lbs	3,000,000 gal

NRV CARBON FILTERS

Specifications	NRV TO-100	NRV TO-150		
	15054073	15054074		
	NRV TOK-100	NRV TOK-150		
	15054075	15054076		
	NRV TOC-100	NRV TOC-150	NRV TOC-200	NRV TOC-250
	15054091	15054092	15054096	15054097
	NRV TOCK-100	NRV TOCK-150		
	15054093	15054094		
Peak Flow Rates	4.0 gpm	5.0 gpm	4.0 US gpm	5.0 US gpm
Filter Media Volume - Cubic Feet	1.0 ft³	1.5 ft³	2.0 ft³	2.5 ft³
Filter Tank Size	9 x 48	10 x 54	12 x 52	13 x 54
Media Type	TO Models: AQUAFINE® Granual Activated Coconut Carbon TOC Models: AQUAFINE® Catalytic Carbon TOCK Models: AQUAFINE® Catalytic Carbon with KDF Distributor TOK Models: AQUAFINE® Granual Activated Coconut Carbon with KDF Distributor			
Media Loaded	Yes	Yes	Yes	Yes
Tank Jacket	No	No	No	No
Shipping Weight	53 lbs	72 lbs	94 lbs	117 lbs
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS. BYPASS INCLUDED.			
Electrical Requirements	NONE			
Water Temperature	MIN 40° - MAX 110° F (4° - 43° C)			
Water Pressure	MIN 30 - MAX 125 PSI (207 - 862 KPA)			

489 and 485 SIM

Water Softener with Iron and Manganese Removal

The **SIM Series** offers a cost-effective and reliable solution for treating hard water and removing iron contamination. Third-party certified for iron removal, the SIM uses fine mesh ion exchange resin to remove clear water iron and manganese while softening water.



NVO489DFSIM



**INCLUDES PRO
EASY FEEDER
STARTER KIT**



**IAPMO R&T Certified to
NSF/ANSI 42, 372 and
CSA B483.1.**



**CONTROL
VALVE**



**PRESSURE
TANK**



NVO485DFSIM

MODEL NUMBER	NVO489DFSIM-100	NVO489DFSIM-150	NVO489DFSIM-200	NVO489DFSIM-300
Item Number	15020684	15020685	15020686	15020687
MODEL NUMBER	NVO485DFSIM-100	NVO485DFSIM-150	NVO485DFSIM-200	NVO485DFSIM-300
Item Number	15020460	15020461	15020462	15020463
FACTORY SETTINGS - IRON & MANGANESE				
Salt Used Per Regeneration	12.0 lbs	18.0 lbs	24.0 lbs	36.0 lbs
Water Used Per Regeneration	124.0 gal ± 10%	215.0 gal ± 10%	274.0 gal ± 10%	278.0 gal ± 10%
Hardness Removal (Grains)	30,000	45,000	60,000	90,000
Filter Media Volume - Cubic Feet	1.0 ft ³	1.5 ft ³	2.0 ft ³	3.0 ft ³
Garnet	Yes	Yes	Yes	Yes
Pressure Tank Size (Inches)	10 x 54	12 x 52	13 x 54	14 x 65
Media Loaded	Yes	Yes	No	No
Salt Storage Capacity	270 lbs	350 lbs	350 lbs	420 lbs
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	2.4 US gpm	4.0 US gpm	5.0 US gpm	5.0 US gpm
Shipping Weight	120 lbs	161 lbs	214 lbs	300 lbs
Regeneration Type	DOWNFLOW (COCURRENT)			
Maximum Hardness	75 GRAINS PER GALLON			
Maximum Total Iron (Ferrous)	10.0 PPM TOTAL IRON FOR PH < 7.2			
Total Iron = (Iron ppm x 1) + (Manganese ppm x 2)	7.0 PPM TOTAL IRON FOR PH ≥ 7.2			
Maximum Manganese (See Total Iron)	5.0 ppm			
Resin Type	AQUAFINE® FINE MESH ION EXCHANGE RESIN			
Plumbing Connections	INCLUDES 1" 90° NPT ELBOWS (489) - 3/4" 90° NPT ELBOWS (485)			
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)			

CRO-800UX6

Tankless Reverse Osmosis System

AQUA FLO®

While most RO systems use plastic storage tanks to hold the filtered water until needed, the new **Aqua Flo Tankless RO** saves space while still providing you better tasting water on demand. It utilizes a high-capacity reverse osmosis membrane giving you fresh tasting water without the need for a large storage tank taking up space under your sink.

Reduces:

- Total Dissolved Solids (TDS)
- Lead
- Cysts
- Chlorine, Taste and Odor
- Sediment

Features:



No Tank Required



High-Efficiency Performance
(2 purified : 1 drain)



Continuous Flow
0.62 gal/min
(2.3 L/min)



Leak Detector with Audible Alarm



Filter Life Indicator Lights



Quick Change Disposable Filter Cartridges

- Premium Quality Water for Drinking, Ice Cubes and Cooking
- No Heavy Bottles
- Better Tasting Coffee, Tea, Juice and Soup
- Healthier Plants
- Scale-Free Steam Appliances



Model: CRO800-UX6 Item# 20010100

Water Supply		Potable Water
Feed Line Pressure		14.5 - 58 psi
Flow Rate		0.62 gal/min (2.3 L/min)
Salt Rejection		≥93.6%
Recovery		65%
Feed Water Temperature		5~38 °C
Ambient Humidity		≤90%
Sound Level		≤60dB
Electrical	Input	100~240V AC 50/60Hz
	Output	DC24V 5A
	Power Used	120W
Membrane	Type	Thin Film Composite Membrane
	Rating	800 G
Connection	Faucet	3/8" Quick Connect
	Inlet	3/8" Quick Connect
	Drain	1/4" Quick Connect
Accessory		Faucet & Installation Kit Included
Product Dimension(WxDxH)		5.1*15.6*14.8 in
Carton Dimensions(WxDxH)		14.1*18.8*17.3 in

*Salt rejection and water recovery are variable and can be effected by temperature and feed water conditions.

For residential use only.




QCRO Reverse Osmosis System

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.

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 QC systems make drinking water better and life easier.



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®



CERTIFIED FOR
THE REDUCTION
OF PFOA/PFOS
AND LEAD

QCRO4V-50



The innovative
quick change twist
and lock design
makes service simple.

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
Temperature	40-100°F
pH Range	3.0-11.0
Note: Pretreatment suggested if conditions exceed parameters. Must be installed on potable water.	

RO MEMBRANE	
Purpose	TDS Reduction
Type	Thin Film Composite Membrane
Recovery	25%
TDS Reduction %	95%
Rating	50 and 75 GPD
Minimum Flow Rate @ 60psi	0.5 gal/min
Quick Change Filter Dimensions	7.54 x 30.9 (2.96" x 12.17")
Inlet/Outlet Connections	1/4" Quick Connect
Working Temperature Range	4-38° C (40-100° F)
Working Pressure Range	207-828 kPa (30-120 psi)

H.E.R.O.™ Reverse Osmosis System

High-Efficiency Performance

With the quality of our drinking water increasingly coming under question, people are looking for alternative sources of quality water. Reverse osmosis (RO) drinking water systems provide the most convenient and economical solution.

The HIGH EFFICIENCY REVERSE OSMOSIS (H.E.R.O.) 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 without a basement. This tank provides blending of the H.E.R.O. 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) ¹	0 - 2500 ppm (0 - 2500 mg/L)
pH	5 - 10
Chlorine ²	0 - 3 ppm (0 - 3 mg/L)
Chloramine	0 - 3 ppm (0 - 3 mg/L)
Turbidity	0 - 10 NTU
Hardness ³	0 - 10 gpg
Iron	<0.2 ppm (<0.2 mg/l)
Bacterial Quality	Potable

AQUA FLO®



**SAVE AS MUCH
AS 7000
GALLONS
PER YEAR!**

FEATURES:

- Heavy duty, glass-filled polypropylene construction provides double the strength, toughness & durability compared to most other ROs 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 ROs
- Quick connect fittings for ease of installation
- Powder coated bracket
- Dual purpose wrench for use on membrane cap and filter housing
- Dimensions: (W x H x D) 15.0" x 17.7" x 6.9" 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 Reverse Osmosis Faucets

Designer Reverse Osmosis (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



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

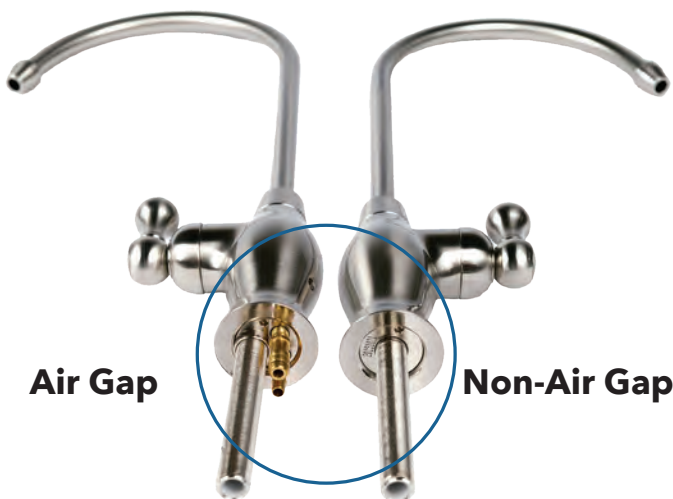
* All mounting hardware included. A 3/8" quick connect faucet adapter fitting (#PP3212U7W) can be purchased separately.

NON AIR GAP FAUCETS

PART #	DESCRIPTION
87613	Faucet, VS888, Matte Black
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

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
87596	Faucet, VS905, Antique Bronze, Air Gap
87594	Faucet, VS905, Brushed Nickel, Air Gap



Professional Grade Ultraviolet Disinfection Systems



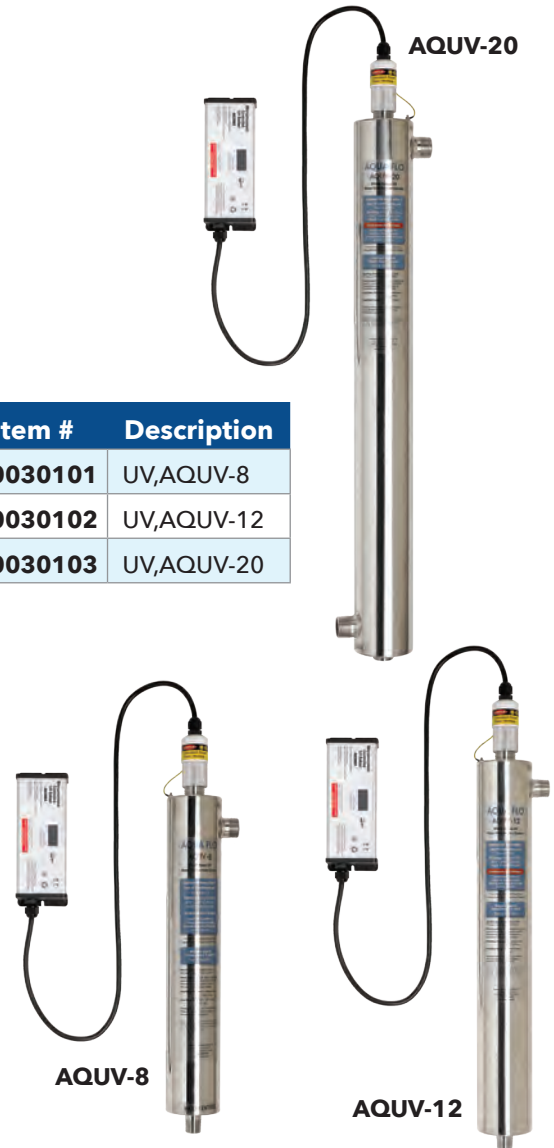
A Security System For Your Water

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.

RESIDENTIAL SYSTEMS FEATURES:

- Three models available (8gpm, 12gpm, & 20gpm)
- Integral lamp life monitor with digital display. Includes both audible and visual lamp life indicator.
- Compact design with high-quality stainless steel chamber
- Flow rates stated at 95% UVT at a dose of 30mJ/cm²
- Simple maintenance, no tools required
- Patented high-output UV lamps designed and engineered for high disinfection performance
- Efficient microprocessor controlled ballast (one controller for all systems)
- Consistent UV output over voltage and frequency variations

Item #	Description
40030101	UV,AQUV-8
40030102	UV,AQUV-12
40030103	UV,AQUV-20



Category	AQUV-8	AQUV-12	AQUV-20
Maximum Flow Rate @ 30 mJ/cm ²	8 gpm / 30 lpm	12 gpm / 45 lpm	20 gpm / 75 lpm
Maximum Flow Rate @ 40 mJ/cm ²	5 gpm / 19 lpm	8 gpm / 30 lpm	12 gpm / 45 lpm
Lamp Service Life	9,000 Hours		
Lamp Power	35 watt	45 watt	65 watt
Power Consumption	35 watt	45 watt	65 watt
Annual Lamp Change tTmer	Yes		
Lamp-ON Indicator	Yes		
Audio/Visual Alarms	Yes		
Chamber Material	304 Stainless Steel		
Chamber Dimensions (D x L)	3.5" x 16.0"	3.5" x 20.0"	3.5" x 31.125"
Controller Dimensions (L x W x D)	8" x 3" x 2.25"		
Inlet/Outlet Port Size	3/4" NPT		1" NPT
AC Supply Voltage	120V, 50/60Hz, 0.8A		
Maximum Operating Pressure	100psi		
Water Temperature Range	2 - 40°C (36-104°F)		
Shipping Weight	9lb / 4kg	10lb / 4.5kg	13lb / 5.9kg

Professional Grade Ultraviolet Disinfection Systems



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.

RESIDENTIAL SYSTEMS FEATURES:

- Seven models available (8gpm, 12gpm, & 20gpm)
- Integral lamp life monitor with digital display. Includes both audible and visual lamp life indicator.
- Compact design with high-quality stainless steel chamber
- Flow rates stated at 95% UVT at a dose of 30mJ/cm²
- Simple maintenance, no tools required
- Patented, high-output UV lamps designed and engineered for high disinfection performance
- Efficient microprocessor controlled ballast (one controller for all systems)
- Consistent UV output over voltage and frequency variations



Combination UV / Filtration

ITEM #	DESCRIPTION	STAGE 1	STAGE 2	STAGE 3
40030104	UV,AQUV-8R1	4.5 x 10" 5M Sediment	UV,AQUV-8	
40030105	UV,AQUV-8R12	4.5 x 10" 5M Sediment	4.5 x 20" 5M Carbon Block	UV,AQUV-8
40030106	UV,AQUV-8R22	4.5 x 20" 5M Sediment	4.5 x 20" 5M Carbon Block	UV,AQUV-8
40030107	UV,AQUV-12R2	4.5 x 20" 5M Sediment	UV,AQUV-12	
40030108	UV,AQUV-12R22	4.5 x 20" 20M Sediment	4.5 x 20" 5M Sediment	UV,AQUV-12
40030109	UV,AQUV-20R2	4.5 x 20" 5M Sediment	UV,AQUV-20	
40030110	UV,AQUV-20R22	4.5 x 20" 20M Sediment	4.5 x 20" 5M Sediment	UV,AQUV-20

Category	AQUV-8R1	AQUV-8R12	AQUV-8R22	AQUV-12R2	AQUV-12R22	AQUV-20R2	AQUV-20R22
Maximum Flow Rate @ 30 mJ/cm2	8 gpm / 30 lpm			12 gpm / 45 lpm		20 gpm / 75 lpm	
Maximum Flow Rate @ 40 mJ/cm2	5 gpm / 19 lpm			8 gpm / 30 lpm		12 gpm / 45 lpm	
Lamp Service Life	9000 Hours						
Lamp Power	35 watt			45 watt		65 watt	
Power Consumption	35 watt			45 watt		65 watt	
Annual Lamp Change Timer	Yes						
Lamp-ON Indicator	Yes						
Audio/Visual Alarms	Yes						
Chamber Material	304 Stainless Steel						
Inlet/Outlet Port Size	3/4" NPT					1" NPT	
AC Supply Voltage	120V, 50/60Hz, 0.8A						
Maximum Operating Pressure	100psi						
Water Temperature Range	2 - 40°C (36-104°F)						
Installation Dimensions (H x W x D)	26" x 16" x 8.5"	26" x 24" x 8.5"	26" x 24" x 8.5"	26" x 16" x 8.5"	26" x 24" x 8.5"	37" x 16" x 8.5"	37" x 24" x 8.5"
Chamber Dimensions (D x L)	3.5" x 16.0"			3.5" x 20.0"		3.5" x 31.125"	
Controller Dimensions (L x W x D)	8" x 3" x 2.25"						
Shipping Weight	26.5lb / 12kg	46lb / 21kg	49.5lb / 22.5kg	30.5lb / 14kg	47.5lb / 21.5kg	36lb / 16.5kg	52lbs / 23.6kg

Point-Of-Use Filtration Products Provide Durable, High-Quality, Reliable Performance

AQUA FLO®

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.



NSF/ANSI 42

FILTER CARTRIDGES



With an overwhelming selection to choose from, we offer a range of popular cartridges to cover most water quality needs.

3rd Party Certified

State of the Art Commercial Water Conditioning



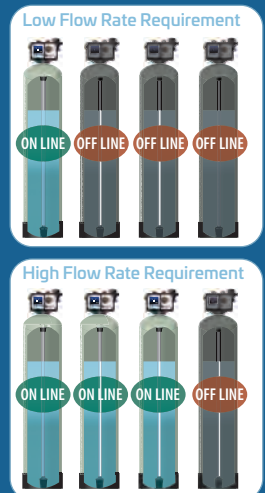
MTS Softeners

Industry Leading Responsive Flow Multi-Tank Systems (MTS)

MTS softeners 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 high-efficiency, high-quality commercial water softeners



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 eight (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 eight (8) softeners from a single controller.



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).

Reverse Osmosis

RO systems that remove up to 99% of total dissolved solids in raw feedwater.

Can 400 800 Series

Produces up to 800 gallons per day.



WGR Reverse Osmosis System

Produces up to 1,800 gallons per day.



Can 2540 4040 Series

Produces up to 20,000 gallons per day.



Filtration Systems

Canature WaterGroup water filters are offered in multiple size and media configurations to address a wide range of water problems and project applications.

- Iron & Manganese: Birm, Chemical Free, Greensand
- Taste & Odor: Activated Carbon
- Turbidity: Multi-Media, Next-Sand™

Flow Rate Capabilities: 17 GPM - 864 GPM
Configurations: Available as single or multi-tank filtration systems

95 Series



95 Triplex

105 Series



105 Duplex

MVS Series



MVS Single

System Selection Guide:



Toll Free: 1-877-759-5159
canaturewg-cied.com

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PROFESSIONAL WATER SYSTEMS

CONTINUOUS INNOVATION

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- Dedicated product development team
- Fast, efficient innovation - from design to finished product to your door



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- Dedicated quality control team
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