Water the way you knew it could be.

Clean. Delicious. Quality Controlled in your home.

REVERSE OSMOSIS DRINKING WATER SYSTEMS

Hydrotech®

Your clear choice in water treatment.

Bottled water quality...convenient and at a fraction of the cost

With the quality of our drinking water increasingly coming into question, people are now looking for alternative sources of quality water. Hydrotech® Reverse Osmosis Drinking Water Systems provide the most convenient and economical solution. Neatly stored under the counter, Hydrotech® provides you with clean and delicious water right from its own dedicated tap.

All Hydrotech® Reverse Osmosis Systems include 3/8" outlet tubing to the faucet for higher flows, quick connect fittings and color-coded tubing for easy installation and servicing. All systems are backed by a two-year limited warranty. The Smartap® water quality monitor found on FM and PB designated models is backed by a five-year limited warranty.

About Hydrotech

Hydrotech is one of North America's largest suppliers of water treatment equipment. For more than two decades, Hydrotech has been the leader in reverse osmosis water treatment technology, designing and manufacturing state-of-the-art systems for residential and commercial applications.

Models 4VTFC45G-FM (NSF)
4VTFC25G-FM (NSF)
4VTFC9G-FM (NSF)

Models 4VTFC45G-PB (NSF)
4VTFC25G-PB (NSF)
4VTFC9G-PB (NSF)

Hydrotech's Premier Faucet Monitored System

4VTFC45G-FM (NSF), 4VTFC25G-FM (NSF) and 4VTFC9G-FM (NSF) Hydrotech Reverse Osmosis Drinking Water Systems combine mechanical filtration with reverse osmosis technology. Activated with each draw of water, the Patented Smartap® Faucet Monitor compares feed water to product water to determine water quality performance and also ensures proper inlet valve operation.

Hydrotech's Premier Push Button Monitored Systems

4VTFC45G-PB (NSF), 4VTFC25G-PB (NSF) and 4VTFC9G-PB (NSF) Hydrotech Reverse Osmosis Drinking Water Systems are similar to the above systems, but with patented Smartap® Push Button Monitor. At the touch of a button, it compares the feed water to the product water to determine water quality performance.

NSF certified systems have been tested and verified to substantially reduce the following contaminants: Barium, Cadmium, Hexavalent and Trivalent Chromium, Copper, Fluoride, Lead, Radium 226/228, Selenium, Asbestos, Turbidity, Chlorine and Cysts.*

All models include:

- Thin Film Composite Membrane
- Sediment Filter
- Pre-Carbon Filter
- Post-Carbon Filter
- Automatic Shut-off
- Polymer Chrome Colored Air Gap Faucet
- Metal Storage Tank

The above systems conform to NSF/ANSI 58 for Specific Performance Claims as Verified and Substantiated by Test Data. Please refer to "NSF Listed Models and System Configurations" table on back page to determine the NSF listed model number. A Performance Data Sheet showing the certified contaminant reduction and performance output is available for all NSF listed models.

Models **4VTFC75G-FM**
4VTFC50G-FM
4VTFC25G-FM
4VTFC9G-FM

High Quality Faucet Monitored Systems

4VTFC75G-FM, 4VTFC50G-FM, 4VTFC25G-FM and 4VTFC9G-FM Hydrotech® Reverse Osmosis Drinking Water Systems combine mechanical filtration with reverse osmosis technology for effective water treatment in point-of-use applications. These models are equipped with the Patented Smartap® Faucet Monitor, which compares the feed water to product water to determine water quality performance. The Smartap® Faucet Monitor is activated with each draw of the water from the faucet, while also monitoring to ensure proper inlet valve operation. In addition, these models include standard features such as a thin film composite membrane, sediment filter, activated pre-carbon filter, activated post-carbon filter, automatic shut-off, polymer chrome colored air gap faucet and a metal storage tank.

Models **4VTFC75G-PB**
4VTFC50G-PB
4VTFC25G-PB
4VTFC9G-PB

High Quality Push Button Monitored Systems

The 4VTFC75G-PB, 4VTFC50G-PB, 4VTFC25G-PB and 4VTFC9G-PB Hydrotech® Reverse Osmosis Drinking Water Systems combine mechanical filtration with reverse osmosis technology for effective water treatment in point-of-use applications. These models are equipped with the patented Smartap® Push Button Monitor, which compares the feed water to the product water to determine water quality performance. The Smartap® Push Button Monitor is activated at the touch of the button. In addition, these models include standard features such a Thin Film Composite membrane, sediment filter, pre-activated carbon filter, post carbon filter, automatic shutoff, chrome air gap faucet and a metal storage tank.

Models **4VTFC75G**
4VTFC50G
4VTFC25G
4VTFC9G

Economical Four-Stage Systems

The 4VTFC75G, 4VTFC50G, 4VTFC25G and 4VTFC25G Hydrotech® Reverse Osmosis Drinking Water Systems combine mechanical filtration with reverse osmosis technology for effective water treatment in point-of-use applications. In addition, these models include standard features such as a Thin Film Composite membrane, sediment filter, pre-activated carbon filter, post carbon filter, automatic shutoff, chrome air gap faucet and a metal storage tank.

Model **3VTFC50G**

Three-Stage Economy Model

The 3VTFC50G Hydrotech® Reverse Osmosis Drinking Water System provides good clean water at an economical price. The system combines mechanical filtration with reverse osmosis technology for effective water treatment in point-of-use applications. This model also features a Thin Film Composite membrane, a dual purpose sediment and activated carbon pre-filter, post carbon filter, automatic shutoff, chrome standard faucet and a metal storage tank.

Booster Pump

A booster pump must be used if system pressure is below 242 kPa (35 psi). It is recommended for use on rural water supply with low pressure or higher concentrations of total dissolved solids. Pump should be placed near RO Module and installed in feed water line just before it enters Module. The booster pump is self-priming and whisper-quiet. It runs off a 24V power transformer from a standard 120V electrical outlet. The pump also includes a flexible mounting plate, quick connect fittings and a high pressure shut-off switch.

Model: CDP 6800 with Pressure Switch and Transformer.
For use with Hydrotech models 9G to 50G reverse osmosis systems.

Model: CDP 8800 with Pressure Switch and Transformer.
For use with Hydrotech model 75G reverse osmosis systems.

Standard Models and System Configurations

Hydrotech Item #	Model Description	Vessels	Sediment Filter	Pre-Filter	Membrane	Post-Filter	Output* GPD	Monitor
12301001-01	3VTFC50G	3	None	Dual-Purpose	Thin Film Composite	Activated Carbon	50	None
12302000-01	4VTFC9G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	9	None
12302001-01	4VTFC25G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	None
12302002-01	4VTFC50G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	50	None
12302003-01	4VTFC75G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	75	None
12303000-01	4VTFC9G-PB	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	9	Push Button
12303001-01	4VTFC25G-PB	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	Push Button
12303002-01	4VTFC50G-PB	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	50	Push Button
12303003-01	4VTFC75G-PB	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	75	Push Button
12304000-01	4VTFC9G-FM	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	9	Faucet
12304001-01	4VTFC25G-FM	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	Faucet
12304002-01	4VTFC50G-FM	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	50	Faucet
12304003-01	4VTFC75G-FM	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	75	Faucet

NSF Listed Models and System Configurations

Hydrotech Item #	NSF Certification #	Model Description	Vessels	Sediment Filter	Pre-Filter	Membrane	Post-Filter	Output* GPD	Monitor
10103101-01	10103101	4VTFC9G-PB (NSF)	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	9	Push Button
10105101-01	10105101	4VTFC25G-PB (NSF)	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	Push Button
10103701-01	10107101	4VTFC45G-PB (NSF)	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	45	Push Button
10103102-01	10103102	4VTFC9G-FM (NSF)	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	9	Faucet
10105102-01	10105102	4VTFC25G-FM (NSF)	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	Faucet
10107102-01	10107102	4VTFC45G-FM (NSF)	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	45	Faucet

These systems conform to NSF/ANSI 58 for Specific Performance Claims as Verified and Substantiated by Test Data. Performance Data Sheet is available for all NSF models.
* Manufacturer's output specification only with inlet conditions of 372 kPa (60 psig), 25°C (77°F), going to atmosphere.
** When ordering NSF Listed systems, use the Hydrotech Item Number shown above to correctly identify the requested model.

Conditions for Use

Source Water Supply Profile		Chemical Parameters	Max mg/L
Community/Private	Chlorinated/Non-Chlorinated	Hardness ($CaCO_3$)	<350
Feed Water Pressure[1]	242 – 690 kPa (35-100 psig)	Iron (Fe)	<0.1
Temperature	4° – 38°C (40° – 100°F)	Manganese (Mn)	<0.05
pH Range	3.0 – 11.0	Hydrogen Sulfide (H_2S)	0.00
Maximum TDS Level	2000 mg/L	Residual Chlorine (Cl_2)	<2.0
Turbidity**	<1.0 NTU	**Nephelometric Turbidity Unit	
Maximum SDI***	<4.0	***Silt Density Index: Value stated in SDI units.	

Notes: [1]Pressure Regulator is recommended for feed water pressures exceeding 552 kPa (80 psig). The performance of a reverse osmosis membrane is highly dependent upon pressure, temperature and TDS. The actual volume of product water and rejection percentage will vary with differences from the test conditions that membrane ratings are based upon. These drinking water systems are not intended to be used for the treatment of water that is microbiologically unsafe or of unknown quality.
Options: Optional pressure tanks and faucet styles and colors available.

CONSUMER & COMMERCIAL WATERGROUP
U.S.
Fridley, Minnesota
Sun Valley, California
1-800-354-7867
Canada
Cambridge, Ontario
Regina, Saskatchewan
1-877-299-5999
www.hydrotechwater.com

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