

# Elite<sup>®</sup>



*Great Tasting,  
Quality Drinking Water*

# Great Tasting and Sparkling Fresh!



**M**ore than ever, people are turning to sources other than regular tap water for drinking. With newspaper articles on water contamination seemingly a daily occurrence, concerns about the quality of our water supplies continue to grow. While bottled water is an alternative, the most convenient and economical solution is a drinking water system designed for the home.

With an Elite® Reverse Osmosis Drinking Water System, you can have great tasting water at the touch of your fingertips. The Elite® system fits neatly under the counter, providing sparkling fresh water right from its own dedicated tap.

Elite® drinking water systems feature fine filtration, removal of dissolved contaminants by reverse osmosis and improved taste and odor by carbon adsorption. The systems are backed by a two-year limited warranty. The Smartap® water quality monitor found on the Push Button designated models is backed by a five-year limited warranty. Elite® drinking water systems provide clean and delicious water that your family will love to drink.



## *Elite® 123 Series Premier Push Button Monitor Reverse Osmosis Systems*

The 4VTFC75G-PB, 4VTFC50G-PB and 4VTFC25G-PB Elite® 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 as a thin film composite membrane, sediment filter, activated pre-carbon filter, activated post-carbon filter, automatic shut-off, chrome-plated air gap faucet and polypropylene storage tank.



### ***Elite® 123 Series High Quality Four-Stage Reverse Osmosis Systems***

The 4VTFC75G, 4VTFC50G and 4VTFC25G Elite® 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, activated pre-carbon filter, activated post-carbon filter, automatic shut-off, chrome-plated air gap faucet and polypropylene storage tank.



### ***Elite® 123 Series Compact Three-Stage Reverse Osmosis System***

The 3VTFC50G Elite® Reverse Osmosis Drinking Water System provides good, clean water for those who have limited space. This dual purpose pre-filter results in a smaller width, perfect for those tight installations or narrow enough to fit behind a water cooler. 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 pre-carbon filter, activated post-carbon filter, automatic shut-off, chrome-plated non-air gap faucet and a polypropylene storage tank.

## Booster Pump

Raises the water pressure and maintains it at the ideal level for the system to operate at maximum efficiency. Recommended for use on rural supplies with low pressure or high concentrations of total dissolved solids (TDS). The pump is self-priming and whisper-quiet. It runs on a 24VAC transformer (included) from a standard 120VAC electrical outlet.

System includes: Flexible mounting plate, quick connect fittings and a pressure shut-off switch.

**Model: RO Booster with Pressure Switch and Transformer for 25 to 75 Gallon per day Systems**



## 123 Series Models and System Configurations

Item Number	Model	Vessels	Sediment Filter	Pre-Filter	Membrane	Post-Filter	Output (GPD)*	Monitor
12301001-40	3VTFC50G	3	None	Dual-Purpose	Thin Film Composite	Activated Carbon	50	None
12302001-40	4VTFC25G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	None
12302002-40	4VTFC50G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	50	None
12302003-40	4VTFC75G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	75	None
12303001-40	4VTFC25G-PB	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	Push Button
12303002-40	4VTFC50G-PB	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	50	Push Button
12303003-40	4VTFC75G-PB	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	75	Push Button

\* Manufacturer's output specification only with inlet conditions of 345 kPa (50 psig), 25°C (77°F), going to atmosphere.

## Conditions for Use

Source Water Supply Profile		Chemical Parameters	Max mg/L*
Community / Private	Chlorinated / Non-Chlorinated	Hardness (CaCO <sub>3</sub> )	<350 (<20 gpg)
Feed Water Pressure <sup>1</sup>	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 <sub>2</sub> S)	0.00
Maximum TDS Level	2000 mg/L	Residual Chlorine (Cl <sub>2</sub> )	<2.0
Turbidity**	<1.0 NTU	** Nephelometric Turbidity Unit * mg/L = ppm	
Maximum SDI***	<4.0	*** Silt Density Index: Value stated in SDI units.	

### Notes:

- <sup>1</sup> 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.
- Storage tank capacity is dependent on pressure. *Example: with a 7 psi precharge, the drawdown volume is 2.16 gal at 60 psi, 1.79 gal at 40 psi for the storage tank shown.*

Smartap® U.S. patents: 5,145,575; 5,435,909; 5,580,444; 5,527,450



# Elite®

Premium Water Treatment Products

Hydrotech®

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