

**Sparkling, Delicious,  
*Refreshing*  
Water**

**Reverse  
Osmosis**

**1240 Series  
Drinking Water  
Systems**



**DURO<sup>®</sup>**

## ***A Perfect Choice for Drinking Water***

Duro®'s advanced reverse osmosis drinking water systems are a natural and economical solution for providing your family with high quality drinking water. With a space-saving ultra slim profile, the system tucks neatly under your kitchen sink providing bottled water quality right from your very own tap.

With almost 2/3's of us not drinking enough water each day, having delicious water conveniently on hand can help keep you properly hydrated and feeling great. Cut down on sugary beverages and avoid symptoms of mild dehydration such as headaches, dry skin and daytime fatigue. Use for all your cooking needs. Perfect for coffee, tea and soups.

### ***Bottled Water Quality...Convenient & Affordable***

No lugging heavy bottles, no cooler rental, no monthly bill, no hassle. For a typical family of four our drinking water system produces water at a cost of approximately \$0.23 per day. Compare that to delivered bottled water at over \$1.25 per day\*.

Our systems offer a more advanced treatment process than typical entry level pour-through pitchers or faucet filters. At the heart of the system is a reverse osmosis membrane which removes impurities as small as an atom! Additionally, your water passes through a series of sediment and carbon filters – eliminating any unwanted tastes and odors giving your water a polished, fresh taste!

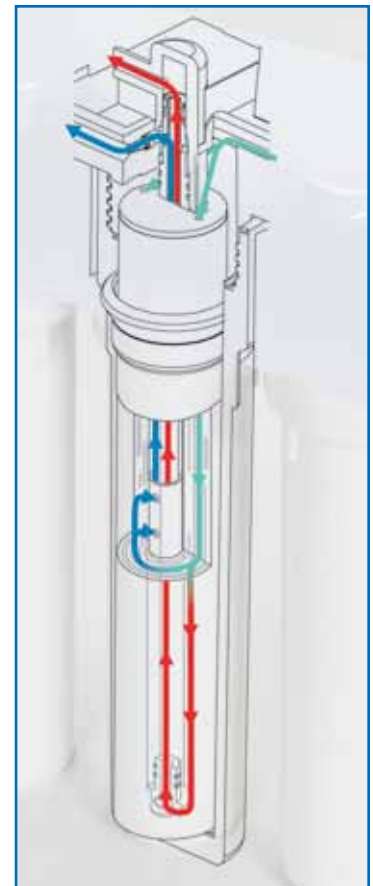
Get back to drinking water the way nature intended it!

\*Costs may vary by market and location. Based on recommended daily drinking allowance.

### ***Choose a System Just Right for You***

Duro is one of North America's largest suppliers of water treatment equipment. With over 40 years of experience, Duro has been the leader in reverse osmosis drinking water technology; designing state of the art systems for residential and commercial applications.

We offer a complete range of drinking water systems to fit your needs and your budget.



### All models feature:

- High quality reverse osmosis membrane
- Choice of 25, 50 and 75 gallons per day
- Sediment pre-filtration
- Pre & post carbon block filtration
- Quick connect fittings
- 3/8" tubing from RO to tank and faucet for higher flow
- Color coded tubing for ease of installation
- Chrome faucet
- Storage tank

### NEW FEATURES!

Simple snap fit cover for ease of service.

New slim profile with integrated mounting bracket for easy, space saving installation.



Attractive new design.



## Series III

### Premier Push Button Monitored Reverse Osmosis Systems

Our premier model is equipped with our patented Smartap® Push Button Monitor. At the touch of a button you can be assured that you are receiving top quality water or you will be alerted that it is time to change your membrane. This model also utilizes three dedicated sediment and carbon filters.



This model is tested and certified by WQA against NSF/ANSI 58 for the reduction of TDS. Tested and Certified by WQA against ORD0902 for "lead free" compliance.



WQA Tested and Certified against CSA B483.1

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## Series II

### Advanced Four-Stage Reverse Osmosis Systems

This model produces great tasting drinking water utilizing separate dedicated sediment and carbon pre-filters, allowing for longer run time between cartridge changes.



## Series I

### Standard Three-Stage Reverse Osmosis Systems

Series I utilizes a combination sediment/carbon pre-filter and a dedicated carbon post-filter. This system is great for installing in tight spaces or for those looking for the most economical solution.



## 1240 Series Models and System Configurations

Item Number	Model	Vessels	Sediment Filter	Pre-Filter	Membrane	Post-Filter	Output (GPD) <sup>†</sup>	Monitor
1240102-20	3VTFC50G	3	None	Dual-Purpose	Thin Film Composite	Activated Carbon	50	None
1240201-20	4VTFC25G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	None
1240202-20	4VTFC50G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	50	None
1240203-20	4VTFC75G	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	75	None
1240301-20	4VTFC25G-PB*	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	25	Push Button
1240302-20	4VTFC50G-PB*	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	50	Push Button
1240303-20	4VTFC75G-PB*	4	String Wound Polypropylene	Activated Carbon	Thin Film Composite	Activated Carbon	75	Push Button

\* These models are tested and certified by WQA against NSF/ANSI 58 for the reduction of TDS. Tested and Certified by WQA against ORD0902 for "lead free" compliance. WQA Tested and Certified against CSA B483.1

## 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
Maximum TDS Level	2000 mg/L	Residual Chlorine (Cl <sub>2</sub> )	<2.0
Turbidity**	<1.0 NTU	**Nephelometric Turbidity Unit	
Maximum SDI***	<4.0	***Silt Density Index: Value stated in SDI units.	

<sup>†</sup> Manufacturer's output specification only with inlet conditions of 345 kPa (50 psig), 25°C (77°F), going to atmosphere.

This product is manufactured under one or more of the following U.S. patents: 5,045,197; 5,057,212; 5,221,473

**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.*

## 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 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.

**Item #:** 92325

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

