

Reverse Osmosis

Drinking Water System

LANCASTER
WATER TREATMENT



Homeowner Benefits

The Guardian Reverse Osmosis water system reduces minerals and contaminants found in common tap water. A four-stage system filters water at the molecular level resulting in clean, fresh, and better tasting water

- Clean sparkling-clear water
- More flavorful coffee and tea
- Crystal clear ice cubes
- Great for use in cooking of soups and sauces
- Fresh clean water at your tap, no need to use bottled water
- Convenient and cost effective
- Environmentally sound water treatment
- Easy to change filters and membrane

Features:

Pre-Filter

- Is designed to filter large particles, such as rust, silt or scale
- Contains carbon which is designed to reduce chlorine
- Extends life of the R.O. membrane

Membrane

- Reduce number of particles too small for prefilter to catch
- Microscopic pores allow hydrogen and oxygen (water) molecules to pass through
- Reduce TDS and other contaminants from your drinking water

Final Polishing

- Final filtering before the tap
- Two carbon filters reduces any tastes and odors
- Gives your water a final “polish” for clean fresh tasting water

Storage

- Stores up to 2 gallons of clean fresh water
- Automatic shut-off for a constant supply of clean water
- Optional larger storage tanks available



Reverse Osmosis Drinking Water System

How Does the R.O. System Work?

Reverse Osmosis (R.O.) is one of the most convenient and economical methods of reducing unwanted contaminants in your drinking water. Reverse Osmosis is the process by which water molecules are forced, by household pressure, through a semi-permeable membrane. Most of the impurities and other contaminants are rinsed to the drain while the refined water is routed to a special holding tank. Our systems direct the flow of water through each filtration step without the need for tubes or fittings. This design also contains major component parts like the water saving automatic shut-off, drain control and safety check valve, making it easy to maintain and service. Another innovation is the membrane seal. This feature makes membrane replacement a snap without the need for tools.

Lancaster Reverse Osmosis system is designed for the use with water that is reasonably free of contaminants that can clog or damage filters of the R.O. system.

Contact your local Lancaster Water Treatment dealer for a water test to determine the best R.O. system for your home as well other appropriate water treatment needs.

Faucet Colors (optional)

- Brushed Nickel
- Black
- Brushed Chrome
- Antique Brass
- White
- Pewter
- Polished Nickel
- Oil Rubbed Bronze
- Satin Nickel
- Almond
- Brushed Stainless Steel
- Copper
- Bisque



LRO-35

The LRO-35 is a 50* GPD membrane R.O. utilizing a 4-stage filter system with a storage tank and a quality monitor in the faucet base. Features high flowing Thin Film Composite (TFC) membrane. Easy to change filters and two gallon RO holding tank. A complete unit that is easy to install.

The LRO-35 Drinking Water System is tested and certified for the reduction of:

- Lead
- Barium
- Cadmium
- Chromium (Hexavalent)
- Nitrates
- Chromium (Trivalent)
- Copper
- Radium 226/228
- Fluoride
- Selenium
- TDS
- Cyst (Cryptosporidium)
- Pentavalent Arsenic
- Nitrite
- Sodium (Tested, not certified)

R.O. Water System

Pre-Requirements:

- Less than 10 GPG Hardness
- Less than 0.1 PPM Iron
- Less than 0.05 PPM Manganese
- No Hydrogen Sulfide
- Use only on microbiologically safe water



CRO-350

The CRO-350 is a 50* GPD membrane R.O. utilizing a 3-stage filter system with a storage tank. Features high flowing Thin Film Composite (TFC) membrane. Easy to change filters and two gallon RO holding tank. A complete unit that is easy to install and is a more economical alternative.

NSF Certified to comply with California Health and Safety Code Section 116875 (commonly known as AB1953) and Vermont Act 193.

The CRO-350 Drinking Water System is tested and certified for the reduction of:

- Lead
- Barium
- Cadmium
- Chromium (Hexavalent)
- Nitrates
- Chromium (Trivalent)
- Copper
- Radium 226/228
- Fluoride
- Selenium
- TDS
- Cyst (Cryptosporidium)
- Pentavalent Arsenic
- Nitrite
- Sodium (Tested, not certified)

***Note: Measured at industry standard condition of 65 psig, 77°F, 250 ppm T.D.S., and discharging to atmosphere. Actual system production and contaminant reduction will depend upon water temperature, pressure, pH and T.D.S. level, membrane variation and usage pattern.**

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