

Reverse Osmosis System

Reverse Osmosis (RO), a water filtration process where drinking water, which contains dissolved solids, is run through a membrane. The water then goes to a storage tank and most of the unwanted inorganic compounds, sediment and other contaminants are flushed down the drain. This form of water treatment is one of the most effective methods for producing high quality drinking water.

Our three stage system produces up to 24 gallons of water per day.

This fully automatic, preassembled system is easy to install and comes with the necessary hardware and fittings.



SPECIFICATIONS

THREE STAGE PURIFICATION PROCESS:

The first stage:

- PLEX - Sediment / Carbon filter (rusts, sand, and chlorine removal)

The second stage:

- Thin Film Composite (TFC) membrane (allows water molecules to pass while rejecting dissolved impurities which are flushed down the drain)

The third stage:

- Activated carbon block filter (this process enhances and clarifies water prior to delivery)

INSTALLATION REQUIREMENTS

The requirements below are necessary for correct installation, proper operation and to validate the warranty:

- A pressure of 40 psi* (276 Kpa**) minimum and 100 psi (689 Kpa) maximum.
- A temperature of 40-100 °F (5-35 °C).
- Maximum total dissolved solids (TDS) 1500 ppm.***
- Installation must comply with existing provincial and local plumbing codes.
- PH level 3-11.

*pounds per square inch **Kilo-Pascal ***parts per million

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