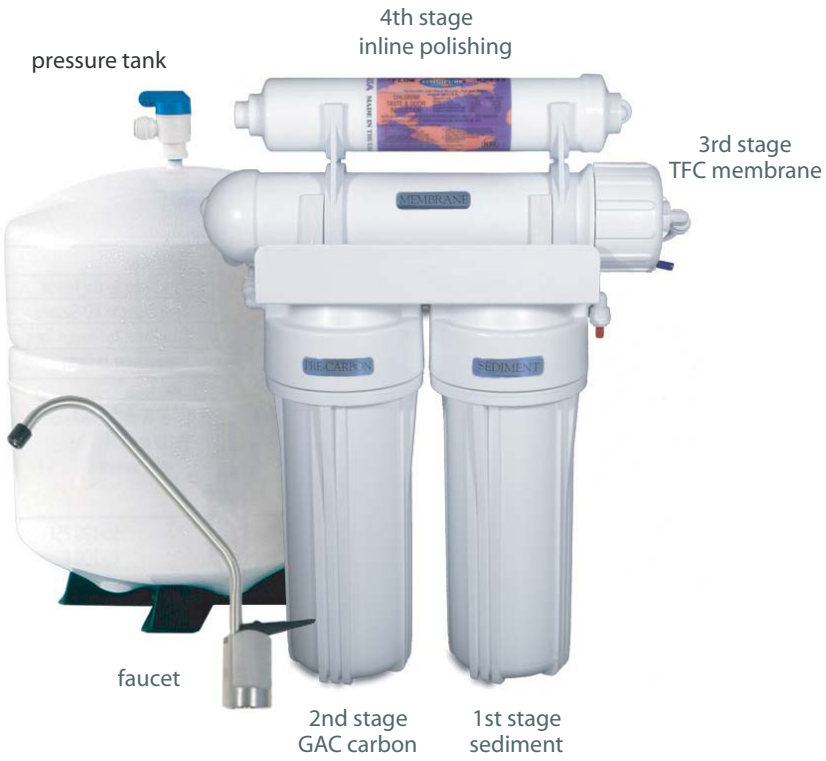
PRODUCT DESCRIPTION

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 four stage systems produce up to 75 gallons of water per day.
This fully automatic, preassembled system is easy to install and comes with the necessary hardware and fittings.



SPECIFICATIONS

FOUR STAGE PURIFICATION PROCESS:

The first stage:
- Sediment filter (rust, sand, and dirt removal)

The second stage:
- Carbon Block (chlorine, unwanted tastes and odor removal)

The third stage:
- Thin film composite (TFC) membrane (allows water molecules to pass while rejecting dissolved impurities which are flushed down the drain)

The fourth stage:
- Post Carbon GAC 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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