

REVERSE OSMOSIS WATER FILTRATION

9 - 7 - 11

DEAN BENNETT SUPPLY

Ph 800-621-4291

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RESIDENTIAL REVERSE OSMOSIS WATER FILTRATION Systems Pre-assembled and Easy to Install

These reverse osmosis water filtration systems are pre-assembled and easy to install. They come complete with installation instructions and accessories. Our reverse osmosis systems use a high rejection, thin film membrane that is 98% efficient in removing contaminants with a 50 gallon per day treatment capacity. See the feed water requirements table below for details on water supply requirements for reverse osmosis.

Feed Water Requirements:

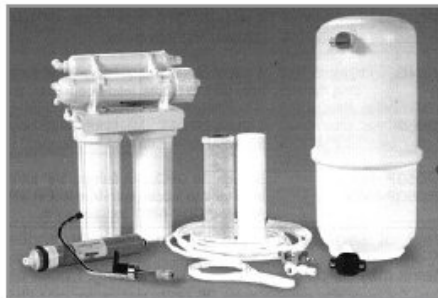
- Maximum TDS: 2,000 ppm
- Maximum Iron: 0.3 ppm
- Maximum hardness: 12 gpg
- Temperature: 45-100° F
- Maximum hydrogen sulfate: 0
- Maximum manganese: 0.05 ppm
- Pressure: 30-100 psi (min/max)
- pH: 4-10

All pre-filter cartridges, valves, and fittings are included. All the fittings, tubing, housings, valves, cartridges and membranes are NSF listed or made from NSF approved materials. A Water Quality Association validated 1800 gallon patented automatic shut-off valve is furnished, and is made from NSF listed materials. An all lead free, long reach chrome faucet is included. The reverse osmosis system meets State of California requirements. Comes with sump wrench and white aluminum mounting bracket. The reverse osmosis system removes the minerals and chemicals listed in the chart to the right, from the feed water.

Our reverse osmosis units are furnished with a 4 gallon NSF Standard 58 listed and FDA approved polypropylene water storage tank that is rated for up to 100 psi.

Aluminum	96-98%	Manganese	96-98%
Ammonium	80-90%	Mercury	94-97%
Borate	30-50%	Nickel	96-98%
Boron	50-70%	Nitrate	90-95%
Bromide	90-95%	Orthophosphate	96-98%
Cadmium	93-97%	Phosphate	95-98%
Calcium	93-98%	Polyphosphate	96-98%
Chloride	92-95%	Potassium	92-96%
Chromate	85-95%	Radioactivity	93-97%
Copper	96-98%	Silica	80-90%
Cyanide	85-95%	Silicate	92-95%
Fluoride	92-95%	Silver	93-96%
Hardnes Ca & Mg	93-97%	Sodium	92-98%
Iron	96-98%	Sulfate	96-98%
Lead	95-98%	Thiosulfate	96-98%
Magnesium	93-98%	Zinc	96-98%

• The above percent rejection is for reference only. Actual rejection will depend heavily on the exact chemistry, temperature, pressure & TDS content of the feed water



ROK1050

HROK4 \$ 205.00

HROK4 50 Gallon Per Day 4 Stage Reverse Osmosis Unit Pre-assembled for easy installation with complete instructions

- Stage 1 Sediment Filter with EFP5 5 micron cartridge.
- Stage 2 Carbon Taste & Odor Filter with PFCEP10 Carbon Block Filter Cartridge.
- Stage 3 Reverse Osmosis Filter with ROK1050 R.O. Membrane.
- Stage 4 PFIC100 Sealed In-Line Carbon Filter with phosphate crystals.

Storage Tank 4 gallon capacity polypropylene storage tank with 2.1 gallon draw down of useable water. (Takes approx. 2 hours to refill the tank with 2.1 gallons of useable water.



ROK2050

HROK5 \$ 230.00

HROK5 50 Gallon Per Day 5 Stage Reverse Osmosis Unit

The HROK5 is just like the HROK4 except for the addition of a second Carbon Taste & Odor Filter with a GAC10 activated carbon cartridge.

REPLACEMENT MEMBRANE for 50 gallon per day Reverse Osmosis Units. Membrane fits both units.

ROK1050MEM

\$ 70.00

THESE REVERSE OSMOSIS UNITS CAN BE COMBINED WITH OTHER ITEMS IN OUR CATALOG TO QUALIFY FOR OUR \$ 1,000.00 FREIGHT PREPAID POLICY