USRO4
Reverse Osmosis Drinking Water System

APPLICATIONS

- Drinking Water

FEATURES

- Under Sink Reverse Osmosis System
- Includes Faucet, Tank & Accessories
- 60 Gallons Per Day Output
- Produces Purified Water Fast
- John Guest Fittings, Valves & Tubing

A 4 stage reverse osmosis system for drinking water includes mechanical filtration to remove particles, carbon absorption and adsorption to remove chlorine, taste, odor and chemical contaminants, as well as membrane separation down to .0001 microns. RO membranes remove dissolved solids at the ionic level. No other purification system can provide better removal. Reverse Osmosis Systems provide the best quality drinking water for your family.

The USRO4, 4 Stage Reverse Osmosis System includes the following: 60 or 100 Gallons Per Day (GPD) Thin Film Composite Membrane, NSF Certified Quick-Connect Fittings, NSF Certified Metal Bladder Tank, NSF Certified 10 Micron Carbon Block, Inline GAC or Calcite Remineralization Post filter, Luxury Faucet, John Guest Tubing & Accessories.

INSTALLATION TIPS:

- Sediment Cartridge and Carbon Block Cartridge(s) and RO Membrane all must be installed in the RO module.
- The cartridges are provided in sanitary packaging. Please wash hands or use gloves when handling the cartridges.
- The Melt Blown Polypropylene Sediment Cartridge is the first, followed by the Carbon Block Cartridge(s) (CBC10-10)
- Both of these cartridges can be installed with either end in first.
- The Reverse Osmosis membrane goes into the membrane housing with the o-ring end first.
- Pre-filling the storage tank is recommended so there is sufficient pressure to check for leaks and water to flush the carbon post filter.

OPERATION TIPS:

- Usually the membrane can be replaced every other year, but the prefilters and post-filter should be changed annually and in some cases more often.
- RO Systems are highly sensitive to pressure and temperature. RO Membranes always perform better under higher pressures. They produce more water, faster, and of better quality with high pressure. The vast majority of problems with RO Systems are a result of low pressure.

SYSTEM INCLUDES:

- Housing Module
- Housing Wrench
- Lead-Free Drinking Water Faucet
- John Guest 3/8"Angle Stop Valve
- John Guest Fittings & Tubing
- John Guest Tank Valve
- 3.2 Gallon Steel Bladder Tank
- Automatic Shut-off Valve
- Drain Flow Control
- Drain Saddle

NSF Certified:
- Pentair Filter Housings
- Thin Film Composite Membrane
- Melt Blown Sediment Cartridge
- Carbon Block Cartridge
- John Guest Fittings
- John Guest Valves
- John Guest Tubing
- 3.2 Gallon Bladder Tank

USRO4 Reverse Osmosis Drinking Water System

SPECIFICATIONS:

⬥ **System**
USRO-4-60-JG/ USRO-4-100-JG

⬥ **Stages**
4

⬥ **Inlet size**
1/4"

⬥ **Delivery Tubing**
3/8"

⬥ **System Dimensions**
15.75" H x 15.25" W x 5" D

⬥ **Bladder Tank (3.2 gal) Dimensions**
14.5" H x 11" D

⬥ **System Weight**
23 lbs.

⬥ **Contaminant Reduction**
Chlorine Taste and Odor, Arsenic (Pentavalent) < = 50 ppb*, Barium, Cadmium, Chromium (Hexavalent) , Chromium (Trivalent) , Copper, Fluoride, Lead, Radium 226/228, Selenium, Turbidity, TDS, Cyst: NSF/ANSI Standard 58 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.
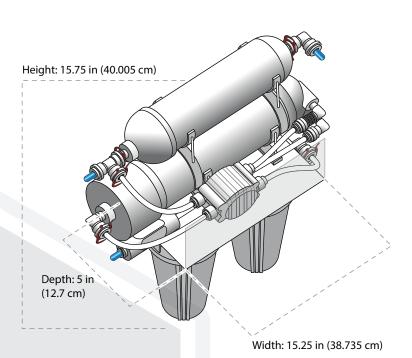
SPECIFICATIONS (CONT.):

⬥ **Maximum TDS**
No more than 2000 ppm

⬥ **Filter Life**
Pre/Post Cartridges: 1 Year
RO Membrane: 2-3 Years

⬥ **System Production Rate**
60 GPD

⬥ **Recovery Rate**
3:1 (Typical Ratio)

⬥ **Replacement Cartridges**
LF-PP-005-249 (Sediment)
CBC10-10 (Carbon Block)
T33-RO (Post Filter)
RE1812-60 (60 GPD)

CERTIFIED PARTS

⬥ **NSF/ANSI 42 Certified**
Pentair Filter Housings

⬥ **NSF/ANSI 51 Certified**
Melt Blown Sediment Cartridge

⬥ **NSF/ANSI 58 Certified**
Thin Film Composite Membrane
3.2 Gallon Bladder Tank

⬥ **NSF/ANSI 61 Certified**
John Guest Fittings
John Guest Valves
John Guest Tubing

⬥ **NSF/ANSI 372 Certified**
Drinking Water Faucet

USRO 4-Stage System
Measurements

Height: 15.75 in (40.005 cm)

Depth: 5 in (12.7 cm)

Width: 15.25 in (38.735 cm)

Height w/ Valve: 15.5 in (39.37 cm)

Height: 14 in (35.56 cm)

Diameter: 11 in (27.94cm)