

WFS4 Water Filtration System

Standard Features

- 6-stage Reverse Osmosis filtration with double DI filters
- 10-50 gallons per day capacity
- Water Storage Tank: 18"H x 12"D
- Filtration Assembly Setup: 18"H x 6"D
- Fully automatic system with auto shut-off valve
- 3.2 Gallons plastic Reverse Osmosis Tank
- Removes all major dangerous contaminants including chlorine, bacteria, pesticides, and etc
- Includes a 2 - 4 years or 6000 Gallons Supply of Filters Purified Water, pressure regulated to meet Darwin Chambers specifications
- Includes TDS Meter



Typical Rejection Characteristics of R.O. Membranes

Elements and the percent removal	% of removal
Aluminum	86%-90%
Chloride	85%-92%
Calcium	95%-98%
Sodium	86.5-93%
Sulfate	96%-98%
Iron	94%-98%
Nitrate	60%-76%
Mercury	94%-98%
Zink	95%-98%
Lead	95%-98%
Phosphate	94%-98%
Magnesium	94%-98%
Nickel	96%-98%
Detergent	97%-99%
Herbicides	97%-98%
Insecticides	97%-98%
Barium	95%-98%

Benefits

- High capacity – Ideally suited for use on multiple chambers (reach-in and/or walk-ins)
- Produces purified water with a TDS level of 0-8 PPM prolonging the life of the humidifier and reducing the overall required chamber preventive maintenance
- Low Maintenance filtration system – typically requires filter media changes every six months (first 3 stages every 6-8 months, RO membrane every 2.5-3 years, post filter (fifth and sixth stages) every year)
- Reverse Osmosis tank provides a water reserve to protect against limited supply interruptions
- Produces potable purified water
- Economical – approximately 2.5¢ per gallon total cost of purified water

**Requires a regulated water supply of 40 – 75 PSI*