

Home Reverse Osmosis Drinking Water System



The Centers for Disease Control and Prevention (CDC) recommends that people who have a compromised immune system “may wish to avoid drinking tap water.” The CDC goes on to say “You may also wish to take some additional measures: boiling your water, filtering your water with certain home filters, or drinking certain types of bottled water.” Boiling water is good at killing bacteria, but it will not remove other impurities such as nitrates, arsenic, lead, pesticides, or herbicides. The CDC states that “Not all available home water filters remove [Cryptosporidium]. All filters that have the words ‘reverse osmosis’ on the label protect against Crypto.” Crypto is a contaminant that has been found in drinking water usually due to contamination by human or animal waste. Reverse Osmosis also removes other forms of bacteria along with chemical contaminants such as nitrates, arsenic, lead, pesticides, and herbicides. The US Environmental Protection Agency (EPA) states “Do NOT boil water to attempt to reduce nitrates. Boiling water contaminated with nitrates increases its concentration and potential risk.” The EPA also states “Reverse osmosis treatment units generally remove a more diverse list of contaminants than other systems.”

References:

Center for Disease Control and Prevention Fact Sheet: A Guide for People with Compromised Immune System.

Environmental Protection Agency – Water on Tap – what you need to know

A home reverse osmosis drinking water system should be installed in:

- Homes of people with AIDS/HIV+;
- Homes of people undergoing cancer treatment;
- Homes of people who have had a transplant;
- Homes of pregnant women;
- Homes of people who have chronic diseases such as diabetes, emphysema, cardiac failure, liver disease, or kidney disease (ESRD);
- Homes with small children;
- Schools and Day-care facilities;
- Homes of elderly adults and nursing homes;
- Hospitals, doctor's offices, dentist's office;
- Homes of malnourished people; etc.

Complete reverse osmosis drinking water system

- 4 stages (5 micron Prefilter, Carbon Prefilter, Reverse Osmosis membrane, Carbon Post Filter)
- Produces up to 10 gallons of drinking water each day
- Lead –free faucet
- 2 gallon plastic storage tank – resists rust
- Inexpensive replacement filters
- Can be installed under a sink or in a utility room



(Source: Environmental Protection Agency)



Installation in Utility Room



Installation under sink

Order your home reverse osmosis drinking water system today!

<u>Part #</u>	<u>Description</u>	<u>Price</u>
38024	DWS 450 Home Reverse Osmosis Drinking Water System	\$213.00

Replacement Filters

38149	RO membrane 50 gpd	\$ 54.25
38150	Post Filter Carbon	\$ 8.95
38151	5 micron Prefilter	\$ 4.00
38152	Prefilter Carbon Block (NSF/ANSI Standard 42)	\$ 9.25
38100	3 Filter Kit (38150, 38151, 38152)	\$ 20.00