

Whole House Reverse Osmosis . . .

What are the benefits, how does it work, why should I invest in this system and what will it cost?

Benefits

We have all heard the "Drink up to 8 glasses of water a day" phrase at one time or another, but if your water has an unpleasant taste, you probably ignore that rule.

Soft drinks, bottled water or other liquids for refreshment generally replace your "8 glasses of water".

With good tasting pure RO water available you will drink more water and at the same time rid your body of toxins. When your body is fully hydrated, you will generally have more energy.

When it comes to tea, coffee and other mixed beverages that use water, bad tasting water makes average drinks and pure RO water makes great tasting and flavorful ones.

Pure water also make ice cubes last longer and with no after-taste remaining in you glass.

Cooking with pure RO water lets the natural flavors of vegetables and soups, really get to your taste buds, rather than be masked by bad water.

Pure water provides spot free window washing and spot free rinsing of crystal and glasses.

Hair rinsing with RO water eliminates the dulling effects that regular tap water leaves behind.

Reverse Osmosis *(How does it work)*

The RO plastic membrane is the "Doorman" to your pure water system. This is where water is made pure by keeping out the metals, salts, micro-organisms and organic matter to name a few. Your house water pressure forces about 50% of the source water through this membrane, which is then stored in a pure water holding tank. The impurities that are left behind are washed away by the water that does not go through the RO membrane.

Here is a simple explanation of how this process works:

The size of the water molecule is forced to pass through the membrane while the contaminate molecules are too large to pass through and are flushed away by the excess water flow.

Using the Whole house Reverse Osmosis system removes the following if present in your water source: Salt, Lead, Iron, Manganese, Calcium, Fluoride, Most Bacteria, Large organic molecules (pesticides), Total Dissolved Solids (Ca+, Na, Na+, Ci-), Dissolved Gas (CO2, O2, N2). To remove chlorine a carbon filter would be required.

Investment

When we think about protecting the things that we own, many methods are available – car and house insurance, life and health insurance as well as burglar and smoke alarms, carbon monoxide detectors to name a few. But what about the water "enemies" that enter your home every single day – disguised as bad tasting water with all of the other harmful ingredients? This is where your pure water "insurance" comes into play with the Whole House RO Filtration System. This systems helps your health as well as your whole family – the most important assets you have!

What will it cost

Since there are many variables, costs will vary based upon your needs (how much RO water you will require), the quality of your water source, size of equipment required and other factors. There will be the initial cost of the equipment and installation and yearly maintenance fee. During the water conversion you will generally use two gallons of water for each gallon of pure water produced, which will increase water cost and disposal of the waste water. There is also an increase in electricity cost when the conversion process takes place. Setup an appointment today, to evaluate your future Whole House RO Filtration System.

Specifications:

Low Energy, High Flow Membrane Elements
PVC Membrane Vessels
5-Micron Sediment Pre-Filter
10-Micron Carbon Pre-Fiter
Powder Coated Steel Frame
Inlet & Outlet Pre-Filter Gauges
System Operatin Pressure Gauge
Manual Flush Valve
Low Pressure Switch/Automatic Feed Water Shut-Off

Product Water Storage Tank Pressure Switch
Product Water Relief Valve
Reject Water Re-Circulation Loop
Brass Rotary Vane Pump
Product Water Check Valve
115V, 60Hz, 1Ph
Fixed Reject Water Control (50% Recovery)
Salt Rejection: 95% to 99%

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