



Aquasmart 5 stage Reverse Osmosis Purification System

The most convenient and affordable alternative to expensive bottled water.

Just Taste the Difference For Yourself.

WHAT IS IT?

The Aquasmart Reverse Osmosis (R.O.) System is a state of the art, energy efficient purification system. It operates on the principle of osmosis (diffusion) of water through a semi permeable membrane through the sole use of ordinary water line pressure. It works on normal water pressure of 40-85 PSI. The purification of water takes place in 5 different stages. There is one sediment filter, one carbon pre-filter, one 5-micron carbon block, one thin film composite (TFC) membrane and finally a post-filter carbon filter.

The Aquasmart R.O. System purifies up to 18 gallons of water a day. The storage tank has a capacity of 3 gallons. The special storage tank has an automatic shut off valve, which will shut off once the tank is full. The valve will also automatically open to fill the tank when necessary. It takes approximately 3-4 gallons of water to produce 1 good gallon of water. (This quantity is based on water pressure.)

Our Aquasmart R.O. System is easily installed into any home or office. Our easy-to-follow guide walks you through the installation step-by-step. Or, if you prefer, consult your plumber for installation.

HOW DOES IT WORK?

The five-stage process can be broken down into the individual stages:

Stage One - Sediment Filter

This is where the purification process begins. The 5-micron sediment filter traps the dust, rust, sand and silt that affect the taste and appearance of your water. It also protects the following stages of the R.O. system, which would otherwise be prematurely fouled. It is recommended that this filter be changed every 3 months.

Stage Two - Carbon Pre-Filters

The water then passes through 56 cubic inches of granulated activated carbon (GAC)

Stage Three - 5 Micron carbon block Pre-Filter

These last two stages, will remove **chlorine, bad tastes and odours, bacteria, fungicides, pesticides inorganic/volatile organic materials, trihalomethanes**. The recommendation to change these two filters is every 6 months.

Stage Four - 18 GPD TFC Membrane

This is the primary component of the system. The TFC (thin film composite) membrane separates up to 99% of unwanted impurities from your water. **Removes: trihalomethanes, bacteria, chlorine, E Coli, giardia, cryptosporidium, nitrates, fluoride, and many many more.** Recommendation for replacement of this filter is between 2 and 5 years. If stage one through three are properly maintained the membrane life will be extended.

Stage Five - Carbon Post-Filter

A 1-micron carbon filter further enhances the clarity and taste of your water to ensure that the ultimate level of quality is attained. This filter needs only be changed once a year.

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WHAT DOES IT LOOK LIKE and HOW DO I USE IT?

This state of the art system comes with its own elegant chrome plated long-reach faucet which will complement any decor, from contemporary to country. It also meets all local plumbing codes. The remainder of the system is stored safely away under the counter, thus, freeing up precious counter space. Anytime you need pure water, you simply need to flip up the toggle switch. It's that simple.

Unlike many systems, our design works on all chlorinated or non-chlorinated potable water supplies. It is ideal for both urban and rural lifestyles. Whether your water supply is municipal or comes from your own well, as long as your water is micro biologically safe, you can use our system.

WHY SHOULD I CHOOSE THIS PARTICULAR SYSTEM?

It's the best system in the world. It eliminates the cost and hassle of bottled water. It's affordable and now you can use pure water for drinking, cooking, pets, plants, and is available through a reputable company. We've been in business since 1984.

REPLACEMENT FILTERS AND ANNUAL MAINTENANCE COSTS Approx. \$120.00

**Pure water for only pennies a day!!
Trust the company that has been supplying water purification systems since 1984!**

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