



## Aquasmart® 6 Stage Reverse Osmosis w. Alkaline Filter Purification System

### **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 6 different stages. There is one sediment filter, one carbon pre-filter, one 5-micron carbon block, one thin film composite (TFC) membrane, The **Alkaline Ceramic** Filter 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 3.5 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 psi and water temperature.)

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 **Six-stage** process can be broken down into the individual stages:

#### **Stage One - Sediment Filter Item #1011**

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 3-4 months.

#### **Stage Two - Carbon Pre-Filters Item #1012**

The water then passes through 56 cubic inches of granulated activated carbon (GAC,) to be replaced every 4-6 months

#### **Stage Three - 5 Micron carbon block Pre-Filter Item #1013**

These last two stages, will remove, **chlorine, bad tastes and odours, bacteria, fungicides, pesticides inorganic/volatile organic materials, trihalomethanes.** To be replaced every 4-6 months.

#### **Stage Four - 18 GPD TFC Membrane Item #1002**

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, sodium, fluoride, drugs residue and much much 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 – Alkaline Ceramic Filter Item #1016**

This is the only filtration process in the world today, that will reduce acidity in the body and it will produce natural calcium, magnesium, sodium and potassium ions that can be absorbed 100% in the human body. This filter is to be replaced every 12 months.

#### **Stage Six Post-Filter item #1020**

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 to be changed once a year.

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### ***Item #5011 Six stage Reverse Osmosis with Alkaline Ceramic Filter***

#### ***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 system is stored safely away under the counter, thus, freeing up precious counter space. Anytime, you need pure water, you simply need to turn the special faucet on. 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, from a well, or lake.

#### ***WHY SHOULD I CHOOSE THIS PARTICULAR SYSTEM?***

It's the best system in the world. The **Alkaline** Filter changes the acidic R.O. water into a much higher pH level. Prevents reproduction of germs, and virus, produces large quantities of **Hydrogen** and **Oxygen**, **Reverses aging** due to reduction of acid wastes, provides **More Energy** and **Increases the Metabolic Process** for more vitality and better health. It will give you and your family a piece of mind, knowing that you are drinking pure water. It eliminates the high cost and inconvenient bottled water. Time after time, tests have shown that not only bottle water is expensive, but it is the same quality of tap water. Our system is an investment for good, long, healthy life. It's affordable, convenient and now you can use pure water for drinking, cooking, pets, plants, for only pennies per day.

**Pure water for only pennies a day!**

**Trust the company that has been supplying water purification systems since 1984!**

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