# REVERSE OSMOSIS FILTRATION SYSTEM

Fresh, clean and filtered water at your fingertips!

## WHAT IS AN RO?

It's a water purification system that provides you and your family with only the freshest of H2O. An RO results in healthier and better tasting water at a fraction of the cost of bottled!

The system is typically connected under your kitchen sink and a faucet is installed to dispense your freshly filtered water whenever you need it.

#### DO I NEED ONE?

The short answer? Absolutely! Tap water can contain more than 80 different contaminants according to the EPA. An RO system can remove up to 98% of the most harmful and common particulates that you would otherwise be consuming daily, including: Arsenic, Lead, Sodium, Cyanide and Chlorine. For a full breakdown of our contaminant guide see the reverse side.



## **HOW DOES IT WORK?**

The system utilizes a 4 stage process that filters your tap water to the molecular level. It forces the water, under pressure, through the multiple filters in order to separate any contaminants and flush them away, leaving you with clean, delicious drinking water every time.

Our standard RO comes with a non-electric permeate pump which provides faster water production and better water pressure.

Faster water production ensures that your water tank fills more rapidly between uses so you don't have to wait as long for your crisp, clean water. Better water pressure means that your RO can also be hooked up to your refrigerator, ensuring that all the water you consume down to the last ice cube is of the highest quality!



#### WHAT ABOUT MAINTENANCE?

That's the beauty of an RO, the maintenance is so minimal you don't even notice. Once a year we will call you to schedule an annual filter change to keep everything running smoothly and once every 5 years we'll change the membrane filter as well. That's it! All you have to do is answer the door when one of our wonderful technicians arrive for the appointment!

### IS IT WORTH IT?

We understand that with any investment, this is a vital question, so in addition to the health benefits, let's talk numbers.

Based on recommended water consumption, a family of 4 (2 adults and 2 children) would consume approximately 3 gallons of water per day. With the average cost of bottled water at 95c per gallon, over 5 years that's about \$5,200 spent and thousands of plastic bottles wasted.

In comparison, using an RO (including the initial purchase and annual filter replacement fees) over 5 years works out to approximately \$1800. A savings of \$3400 and the knowledge that you are preventing over 1 ton of plastic from going to the landfill.



## **REMOVAL RATES FOR CONTAMINANT PARTICLES\***

Aluminum	96-98%	Nitrate	92-95%	Phospate	97-98%
Cadmium	95-97%	Sodium	94-98%	Zinc	96-98%
Chlorine	90-95%	Barium	96-98%	Lead	96-98%
Fluoride	93-95%	Chloride	90-95%	Arsenic 5	94-96%
Manganese	94-96%	Cyanide	90-95%	Calcium	94-97%
Silver	95-97%	Magnesium	95-98%	Copper	96-98%

 $<sup>^*</sup>$ Numbers based on the following conditions: Operating Pressure 60psi, Feed Water Temp 77°F, Feeds TDS 500ppm, PH 6.5-7

