



INTERNATIONALFILTER

The Mark of Quality Water



888-414-0701

internationalfilter.com



Van Marcke[®]
TRADE SUPPLY

International Filter
A Van Marcke Company

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Water Quality

The Facts

Most Americans believe that the water they drink is safe and clean. Unfortunately, public water utilities fail to test for all contaminants in water or fail to meet acceptable limits. Here are just a few of the facts to inform you of the possible health risks you could be exposed to:

700 The number of water main breaks exposing drinking water to microbial and chemical **contaminants** each day.

195 Million illnesses occurred in the past 10 years due to microbial **contaminants**.

98 Percent of US population that has **cancer causing** perfluorinated **chemicals** in blood stream from drinking water.

316 The number of unregulated **contaminants** found in public water supplies by the Environmental Working Group; of those only 114 are regulated by the EPA.

62 Million Americans that have been exposed to drinking water that **did not meet** government regulations since 2004.

56 Million Americans drink water containing levels of **arsenic** that pose a high risk of **cancer** each year.

In addition to the health threats Americans face each year from contaminated water, they are also spending their hard earned money on issues caused by hard water. Below is a breakdown of the savings you could achieve with softer water.

Soft Water Savings					
		Monthly		Yearly	
	% Decrease	Spending	Amount Saved	Spending	Amount Saved
Bottled Water	100%	\$33.33	\$33.33	\$400.00	\$400.00
Soaps	75%	\$10.42	\$7.81	\$7.81	\$125.00
Cleaning Products	75%	\$50.00	\$37.50	\$600.00	\$450.00
Hot Water Usage	20%	\$41.67	\$8.33	\$500.00	\$100.00
Plumbing and Appliances	75%	\$10.00	\$7.50	\$120.00	\$90.00
Clothing and Linens	30%	\$43.75	\$13.13	\$525.00	\$157.50
Totals		\$189.17	\$107.60	\$2,270	\$1,291.25

International Filter believes everyone should have access to clean, healthy water. To this end, we believe that an expert knowledge of local water supplies and quality manufactured products are the best tools to achieving this. International Filter has been producing water treatment systems for over 70 years. Please give us a call today and let us help you determine which water treatment solution will be the best fit for your situation.

888-414-0701

Protect your investment and increase efficiency with cleaner water.

Softening

Hard water can result in the formation of lime scale and soap scum. These deposits reduce the efficiency and lifespan of heating elements and water heaters. Hard water also greatly increases detergent and chemical requirements by preventing soap from lathering. A water softening system from International Filter can greatly increase the efficiency and life of your equipment as well as greatly reduce costs associated with detergent/chemical consumption.

Filtration

Unfiltered water can contain chlorine, sediment and volatile organic compounds. These impurities can bring with them bad tastes and odors and potentially serious health concerns. A filtration system from International Filter can remove chlorine, sediment and VOC's from your water, so you can go on enjoying your water and your health.

Purification

A reverse osmosis system from International Filter is the ultimate choice for providing clean, virtually contaminant free water into your home. It can be paired with additional features such as UV lights to provide essentially "pure" water to your faucet.

Neutralization

Imbalances in your waters pH level can have serious consequences. A low water pH can affect water taste, stain sinks and clothes, and leach metals from pipes and fixtures. A high water pH can affect taste, cause scaling and reduce efficiency of appliances. A pH adjusting filter from International Filter can assist in balancing your waters pH to keep water tasting great and your appliances in working order.

Reverse

Bottle Quality Water

Two High Quality Units to Choose From

RO400 - 4 Stage System

Our four stage system is capable of producing up to 50 gallons of bottle quality drinking water per day. This system comes with a pre-filter to remove chlorine and tastes/odors; a RO membrane to remove sediment, micro-organisms and most other impurities; and a post-filter to ensure your water is free of contaminants. With its compact size the RO400 is an ideal solution for limited space applications.

RO500 - 5 Stage System

The ultimate in home water purification, our 5 stage system combines all the benefits of the RO400 with an additional pre-filter to substantially increase the life of your membrane. This means long term savings in replacement membranes and time.

Additional Options to Meet Your Needs

We don't expect that a one-size-fits-all water treatment unit is ideal for every customer's unique situation. Because we understand that your situation may be unique, we offer a wide range of additional options to ensure that you get a water treatment system that is right for you. Additional options we can integrate with your reverse osmosis system are:

Treatment Options

If you require additional protection from microorganisms in your water, we can integrate an Ultraviolet Germicidal Irradiation unit to your RO system. These units are a cost effective way to disinfect the water coming into your facility or home. These systems can be up to 99.99% effective at removing any microorganisms that remain after RO treatment.

I-Filter wants your water to taste as good as possible, and we want your plumbing and appliances to last as long as they can. Acidic or alkalotic water can get in the way of this goal. We can integrate special membranes with your RO to adjust the pH of your water to keep your water tasting great and your pipes and appliances in working order.

Cosmetic Options

International Filter understands that the aesthetics of your home is very important to you. Our aim is to provide you with the highest quality water without having to replace your current fixtures or settle for a mismatched faucet. To this end, we offer various faucet styles and finishes to keep your home looking as beautiful as ever.



Brushed Nickel

Chrome

Oil Rubbed Bronze

Other styles and finishes available upon request.

Osmosis

At Your Fingertips



Available Models

	RO500 5 Stage System	RO400 4 Stage System
Gallons Per Day	24-200	24-200
Pipe Size (in)	3/8	1/4
Length (in)	14	14
Width (in)	7	7
Height (in)	17	17
Feed Water Pressure (psi)	35-100	35-100

RO Tank Sizes

	Small	Large
Capacity (Gallons)	2	3.2
OD (in)	12	14
Height	10	12

% Reduction in Water Impurities

Sodium	87-93
Calcium	94-97
Magnesium	96-98
Potassium	87-94
Iron	95-98
Manganese	95-98
Aluminum	96-99
Ammonium	86-92
Copper	98-99
Nickel	98-99

Zinc	98-99
Cadmium	96-98
Mercury	96-98
Chromium	95-96
Lead	96-98
Chloride	87-93
Bicarbonate	90-95
Nitrate	90-92
Flouride	87-93
Silicate	85-90

Phosphate	96-99
Chromate	86-92
Cyanide	86-92
Sulphide	96-98
Thiosulfate	96-99
Bromide	87-93
Sulfate	98-99
Arsenic	94-96
Selenium	94-95

Whole House Protection

Water Softening

Hardness removal.

Water softeners are your best choice for protecting your fixtures and appliances from hard water. These systems use ion exchange technology to remove calcium from your water. The process of ion exchange uses special resins to replace the magnesium and calcium ions that can precipitate and buildup on fixtures, appliances and plumbing, with ions that are more soluble in water. The result is soft water. Ion exchange is currently the only cost effective way to remove hardness from water. This is the only tried and true method to soften water in your home and can provide you with many benefits which include:

- Reduces buildup of lime scale by removing calcium from water.
- Extends life of water using appliances, fixtures and plumbing.
- Extends the life of clothing.
- Reduces soap and detergent consumption.
- Hair and skin will feel softer and cleaner.
- Increases water heater efficiency.
- Reduces time cleaning fixtures, tile, tubs and toilets.
- Reduces spots on dishes after washing.

Chemical Free

Scale prevention

Conditioning does not remove hardness from water. However, it does provide many of the benefits of a water softener. A Water Conditioning System for your home can help reduce scaling on fixtures and plumbing in addition to providing whole house filtration. Benefits of a Water Conditioning System by

- Removal of chlorine from tap water.
- Removal of sediment.
- Removal of heavy metals.
- Removal of organics that cause bad tasting water.
- Reduces buildup of scale forming minerals.
- Could extend life of fixtures and plumbing.
- Backwash water can be recycled.
- Requires little to no maintenance.
- No salt/chemicals required.
- Environmentally friendly.
- Increases water heater efficiency.
- Reduces time cleaning fixtures and toilets.

That Meets Your Needs

Water Conditioning

ion and filtration.

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Redox

Hardness removal and filtration.

A Redox System by International Filter combines the great benefits of ion exchange with whole house filtration. In addition to protecting your fixtures and appliances from hard water, you and your family will get to enjoy clean, great tasting drinking water. Benefits of a Redox System by International filter are:

- Removal of chlorine for healthier better tasting water.
- Removal of sediment.
- Removal of heavy metals.
- Removal of organics for better smelling and tasting water.
- Reduces buildup of lime scale by removing calcium from water.
- Extends life of water using appliances, fixtures and plumbing.
- Extends the life of clothing.
- Reduces soap and detergent consumption.
- Hair and skin will feel softer and cleaner.
- Increases water heater efficiency.
- Reduces time cleaning fixtures, tile, tubs and toilets.
- Reduces spots on dishes after washing.

Chemical Free Conditioner

Quality Construction

Whether your goal is clean, great tasting water or protecting your fixtures and appliances; our line of chemical free conditioners is a whole house water treatment system that filters and conditions your water to reduce contaminants, improve taste and decrease scaling in fixtures and appliances.

Our chemical free conditioners are made out of the highest quality materials. The rugged tank is composed of ultra-strength materials so you never have to worry about flooding. These include:

- Watertight polyethelene inner tank.
- Ultra-strong thermo wound fiberglass outer tank.
- Protective epoxy outer coating.
- Optional stainless steel jacket for superior strength and aesthetics.



Free Water Conditioning

n for Quality Water

A chemical free conditioner by International Filter also contains the highest quality filtration and conditioning media. This unique mix of media will help reduce contaminants and decrease scaling in your fixtures and appliances. These include:

1. Carbon Filter - Removes chlorine and organics, resulting in better smelling and tasting water.
2. Bacteriostat KDF - Removes heavy metals and prohibits bacterial growth.
3. Aluminosilicate - Filters sediment down to 5 microns.
4. Sequestering Beads - Conditions water to reduce scale deposits in plumbing, appliances and fixtures.
5. Gravel Bed - Prevents fine particles from passing through. Also helps to distribute backwash water.

Between its rugged construction and high quality filtration media, our chemical free conditioner will keep quality water flowing through your home for years to come.



Additional Services

In addition to water treatment systems, International Filter provides additional services and products to meet your needs. Our additional services include water quality testing and technical support. While we are not a lab we do provide the following water testing services:



- Hardness
- Iron
- Arsenic
- Nitrates
- Total Dissolved Solids
- Chlorine
- pH

International Filter also provides the following products to keep your water treatment system working at its best:

- Filter replacements
- Filter wrenches
- Membrane replacements
- Water Bed Cleaners
- Hardness Testing Kits
- TDS Meters
- Media replacement



Water Filtration

Water filters remove impurities from water through physical separation and chemical processing. While there are many types of filters, most homes can benefit from a carbon filter. These filters remove chlorine, sediment, VOC's and bad tastes and odors. These filters work by trapping pollutants through a process called carbon adsorption. Some benefits you will see from a carbon filter are clearer, better tasting water and long term health effects from the removal of toxic chemicals like chlorine and VOC's. Carbon filters work great when combined with a softening system to protect your family and your home from unwanted contaminants.

Custom Filtration Solutions

Providing quality water to your home or business is very important to us. Many times this requires a customized water treatment solution. Whether you require the removal of specific contaminants or have unique size/configuration requirements; we have the expertise to create a water treatment system that is tailored to your specific requirements. We can design systems to address the following issues:

- Iron Contamination
- Arsenic Contamination
- Nitrate Contamination
- Chlorine Contamination
- High Total Dissolved Solids Content
- pH Imbalances

Please give us a call with your application details and allow us to provide you with a solution for your particular situation.