



INTERNATIONAL
FILTER

PRODUCT INFORMATION GUIDE



Van Marcke 

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INTRODUCTION

At International Filter, we believe in providing our customers with the highest quality water treatment systems and exceptional service. Our expert staff is always available for technical support, custom system design, warranty support, and customer service. We don't believe in false promises or products that don't meet your expectations. When you choose International Filter, you can count on our commitment to honesty and after-sales service to add value to your experience.

Why choose International Filter? We provide a wide range of standard sizes to make ordering easy for most applications. Looking for a custom or multi-stage water treatment system? We can design systems to your exact specifications. Our team offers system sizing recommendations and installation assistance, using only the highest quality components for long-lasting products.

With over 50 years of experience, we're proud to provide our customers with high-quality water treatment systems. We serve various industries, providing commercial water treatment systems tailored to each customer's needs. Contact us today to learn how we can provide you with the best water treatment system for your business.

A stylized, handwritten signature in black ink that reads "Jay". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the word.

Jay Moses, General Manager

WATER CONTAMINATION FACTS

Despite the belief that the water we drink is safe and clean, many public water utilities fail to test for all contaminants or meet acceptable limits. Understanding water quality is crucial for managing and using this resource wisely. Water quality is determined by physical, chemical, and biological characteristics that determine its suitability for different uses. Natural factors and human activities will affect water quality. The facts below will help you learn more about the possible health risks associated with water contamination.

700



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

195 M



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

98%



98 Percent of the US population has cancer-causing pre-fluorinated chemicals in bloodstream from drinking water.

316



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

62 M



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

56 M



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

TYPES OF FILTERS, WHAT THEY DO, AND HEALTH BENEFITS

Conditioners

Whole House Filtration



A water conditioner can improve the quality of your water by removing impurities and contaminants. They can also help to reduce hard water effects by preventing mineral buildup and scaling. Different types of water conditioners are available, including carbon filters, reverse osmosis systems, and UV sterilizers. With a water conditioner, you'll enjoy cleaner, better-tasting water that's better for your health and your home.

Water Softeners

Ion Exchange



A water softener can help you get rid of hard water problems. These systems remove minerals like calcium and magnesium that cause buildup in pipes, appliances, and fixtures. With a water softener, you'll have softer, cleaner water for your skin, hair, and plumbing. Different types of water softeners are available, including salt-based, and magnetic systems.

Redox

Ion Exchange



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 water!



Reverse Osmosis

Reverse osmosis (RO) is a highly effective water filtration method that removes impurities and creates great-tasting water. It's used in homes, restaurants, and even aquariums. RO systems are easy to maintain and require periodic filter replacements. Some popular uses include faucet and aquarium filtration.

CHEMICAL-FREE CONDITIONERS

Conditioning does not remove hardness from water. However, it does provide some of the benefits of a water softener. A chemical-free conditioning system from International Filter can help reduce scaling in fixtures, appliances, and plumbing and provide whole-house filtration.

Benefits Include:

- 💧 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 limescale by coating scale-forming minerals.
- 💧 Extend life of appliances, fixtures and plumbing.
- 💧 Backwash water can be reused.
- 💧 Requires little to no maintenance.
- 💧 No salt/chemicals required.
- 💧 Environmentally healthy.
- 💧 Increases water heater efficiency.
- 💧 Reduces time cleaning fixtures, tile, tubs and toilets.



WATER SOFTENERS

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 ion exchange process uses special resins to replace the magnesium and calcium ions that can precipitate and build up on fixtures, appliances, and plumbing with ions 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 the buildup of lime scale by removing calcium from the water.
- 💧 Extends the 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, and tubs.



REDOX

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 enjoy clean, great-tasting drinking water.

Benefits of a Redox System:

- 💧 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 limescale by removing calcium from water.
- 💧 Extends life of 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.



REVERSE OSMOSIS

Three High Quality Systems to Choose From

RO400 – 4 Stage System

The RO400 is an ideal solution for limited space applications with its compact size. Our four-stage system can produce up to 50 gallons of bottled quality water daily. This system includes a pre-filter to remove chlorine and tastes/odors; a RO membrane to remove sediment, microorganisms, and most other impurities; and a post-filter to ensure your water is contaminant-free.

RO500 – 5 Stage System

The ultimate in-home water purification, our 5-stage system comes with 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.

RO600 – 6 Stage System

This has all the benefits of an RO500 PLUS an added Alkaline filter, which removes contaminants and treats the water with healthy minerals—creating the perfect balance for your water.



REVERSE OSMOSIS BENEFITS



% REDUCTION IN WATER IMPURITIES

85-94%

Sodium	Bicarbonate
Potassium	Chromate
Ammonium	Silicate
Chloride	Cyanide
Fluoride	Bromide

94-98%

Calcium
Iron
Manganese
Chromium
Nitrate
Arsenic

96-99%

Aluminum	Lead
Copper	Phosphate
Nickel	Sulphide
Zinc	Thiosulfate
Cadmium	Sulfate
Mercury	Selenium

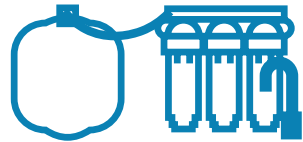


Feed water

RO500
5 Stage System
RO400
5 Stage System

35-100

Gallons Per Day



RO Tank sizes
OD (in)
S: 12
L: 14

RO500
5 Stage System
RO400
5 Stage System

24-200

Gallons Per Day

PROTECT YOUR HOME

Softening

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

Filtration

Unfiltered water can contain chlorine, sediment, and volatile organic compounds (VOC). These impurities bring bad tastes, odors, and potentially serious health concerns. A filtration system from International Filter can remove chlorine, sediment, and VOCs from your water so that you can enjoy 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 pure water to your faucet.

Neutralization

Imbalances in your water's 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 the taste, cause scaling and reduce the efficiency of appliances. A pH-adjusting filter from International Filter can assist in balancing your water's pH to keep water tasting great and your appliances in working order.



ADDITIONAL SERVICES

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

- **Whole House RO**
- **Filter Replacements**
- **Filter Wrenches**
- **Membrane Replacements**
- **Water Bed Cleaners**
- **Hardness Testing Kits**
- **TDS Meters**
- **Media Replacement**

*Contact
Us*

📞 **602.414.0701**


✉️ info@internationalfilter.com

SIZING GUIDES


These guides are intended for use by a trained professional. Correct sizing of softening and conditioning units is essential to guarantee a system's life and adequate capacity.

If you are unsure which system best fits, please get in touch with International Filter for technical support. We can provide hardness testing and recommendations to ensure your system meets your requirements.

WATER SOFTENER *SIZING GUIDE*

BATHROOMS		Pipe Size	Grains Max
	1-3	.75 - 1 (in)	35,000
		.75 - 1 (in)	40,000
		.75 - 1 (in)	50,000
	3-4	.75 - 1.25 (in)	50,000
		.75 - 1.25 (in)	70,000
		.75 - 1.25 (in)	70,000
	4-6	1 - 1.5 (in)	100,000
		1 - 1.5 (in)	115,000
		1 - 1.5 (in)	130,000

WATER CONDITIONERS *SIZING GUIDE*

BATHROOMS		Pipe Size	Flow cont.
	2-3	.75 - 1 (in)	12
		.75 - 1 (in)	23
		.75 - 1.25 (in)	25
	4-6	1 - 1.25 (in)	25
		1 - 1.5 (in)	29
		1 - 1.5 (in)	28
		1 - 1.5 (in)	29

PEOPLE



1-4
5-8+

Hardness

Up to 25 grams

Call for a size

Scan to view




full spec sheet



INTERNATIONAL FILTER

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Hours of Operation

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