



# Greener Solutions

POWERED BY  Toppen

3rd Party Tested  
complies with  
**NSF / ANSI**  
CERTIFICATIONS: 42, 53, 61

# Your family deserves safe, clean, great-tasting water.

*Now you can afford to have it in your entire house.*

**2.5" x 10" / 2.5" x 20" / 4.5" x 20" WELL SYSTEMS AVAILABLE**

*Toppen systems connects directly to your water main and uses proprietary MicronGuard™ filtration technology to give your family cutting edge industry-leading protection against harmful contaminants including “forever chemicals”, micro plastics.*

Your kitchen sink and refrigerator filter provide limited protection against harmful contaminants. It's just not enough.

Get clean, safe great tasting water free from harmful bacteria and contaminants throughout your home with the Toppen 3-Stage Advanced Water Filtration System.

The exceptional filtration technology, developed for and used every day in the medical and dental offices throughout the US, is now available for home use.

**Maximum protection for the whole family.**



RAISING HEALTH, SAFETY AND ENVIRONMENTAL STANDARDS

WWW.**GREENER-SAFER**.COM / 888-963-6178

AN ENVIRONMENTAL QUALITY CONSULTING COMPANY

# Toppen 3-Stage Advanced Water Filtration System

SPECIFICATIONS • FEATURES • BENEFITS

Virtually eliminates hard water / scale, caused by calcium carbonate, the source of unsightly buildup on faucets, and appliances without adding salt and while leaving good minerals in your water.

## STAGE 1

**HIGH-FLO SEDIMENT FILTER**  
Melt blown optimizes dirt holding capacity. Traps larger particles in 2 Zones.

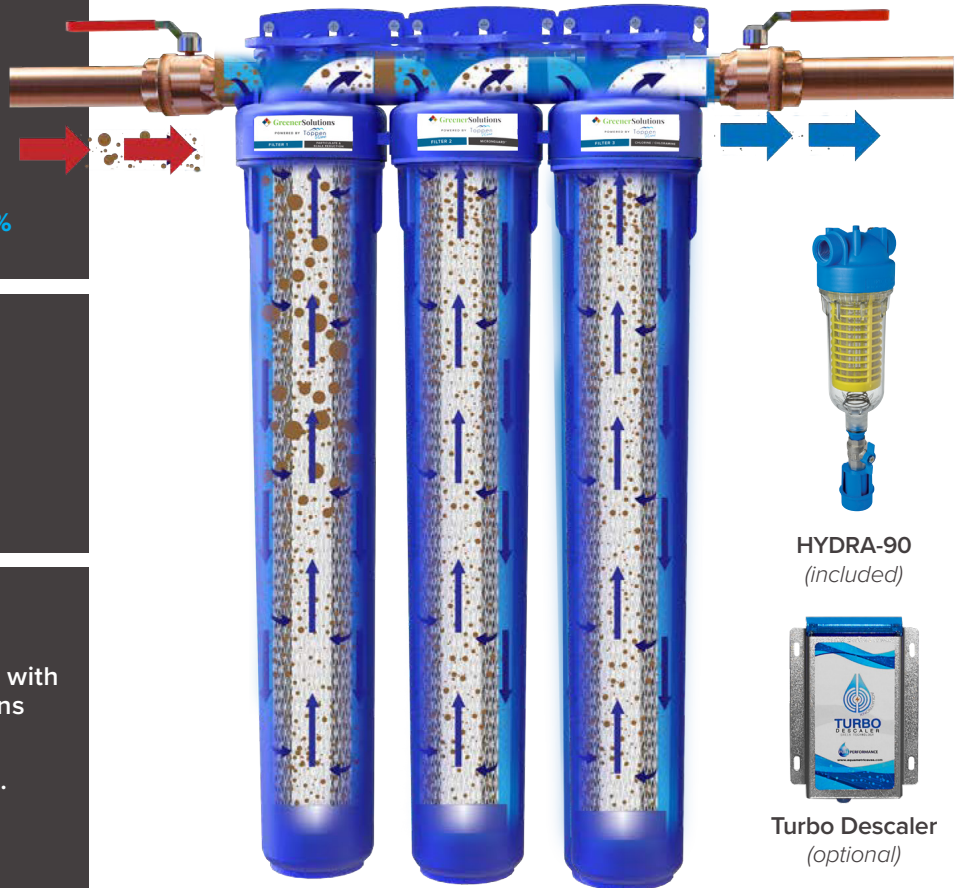
## STAGE 2

**IRON FILTER**  
Removes: Iron, Manganese, Hydrogen Sulfide, Arsenic, Radium, Heavy Metals, Radionuclides  
*\*or customized filter for your specific water profile.*

## STAGE 3

**CATALYTIC CARBON FILTER**  
Reduces Chlorine / Chloramines and is water softener alternative. Protects your home from the damaging effects of scale.  
*\*or customized filter for your specific water profile.*

<b>CAN REMOVE</b>	<ul style="list-style-type: none"> <li>» Bacteria <b>99.9999999%</b></li> <li>» Viruses <b>99.9995%</b></li> <li>» Spores <b>99.999%</b></li> <li>» Cysts <b>99.99%</b></li> <li>» Forever Chemicals <b>95%</b> PFAS (PFOA and PFOS)</li> <li>» Heavy Metals (Lead) <b>97.2%</b></li> </ul>
<b>REDUCES</b>	<ul style="list-style-type: none"> <li>» Pharmaceuticals</li> <li>» Pesticides</li> <li>» Microplastics</li> <li>» Particulates</li> <li>» Chlorine / Chloramine</li> </ul>
<b>ALSO...</b>	<ul style="list-style-type: none"> <li>» Eliminates odor and improves taste</li> <li>» 3rd party testing complies with NSF 42, 53, 61 certifications</li> <li>» Easy to maintain. No waste water discharge.</li> <li>» Designed and assembled in the USA</li> </ul>



RAISING HEALTH, SAFETY AND ENVIRONMENTAL STANDARDS

WWW.**GREENER-SAFER**.COM / 888-963-6178

AN ENVIRONMENTAL QUALITY CONSULTING COMPANY



## MORE ABOUT THE FILTERS IN YOUR SYSTEM / WELL SYSTEM

### The Hydra 90 sediment filter offers several benefits:

#### Key Features:

1. **High Efficiency Filtration:** It effectively removes sediment, sand, rust, and other particles from water, ensuring cleaner and clearer water for various applications.
2. **Improved Water Quality:** By eliminating sediment and particulate matter, it enhances the taste, odor, and overall quality of the water, making it safer and more palatable for consumption.
3. **Extended Appliance Lifespan:** By preventing sediment build-up in appliances like water heaters, washing machines, and dishwashers, it helps prolong their lifespan and efficiency, reducing maintenance and repair costs.
4. **Protects Plumbing Systems:** Sediment accumulation can damage plumbing systems over time. The Hydra 90 filter prevents this, reducing the risk of clogs and corrosion in pipes and fixtures.
5. **Easy Installation and Maintenance:** Its design allows for easy installation and replacement, and maintenance typically involves simple filter changes at recommended intervals.
6. **Versatility:** The Hydra 90 sediment filter is versatile and can be used in residential, commercial, or industrial settings where sediment filtration is required.
7. **Cost-Effective Solution:** Compared to potential damage caused by sediment accumulation in water systems, the investment in a quality sediment filter like the Hydra 90 can save significant costs in the long run.

**Stage 1 Well System - 20 Micron Sediment Pre-filter** helps with the larger sediment that might remain after well water is run through Hydra 90.

1. **Large Particle Removal:** Sediment filters are designed to capture larger particles and impurities, typically ranging from visible debris to particles as small as 20 microns in size. This includes sediment, sand, silt, rust, and other suspended solids present in water.
2. **Protection for Subsequent Filters:** Our sediment pre-filter acts as the first line of defense in the filtration process. By capturing larger particles, it prevents clogging and extends the lifespan of finer filters

downstream, such as carbon filters. This helps maintain the efficiency and effectiveness of these filters over time.

3. **Improved Water Quality:** Removing sediment and larger particles from water enhances its clarity, taste, and odor. Sediment can affect the appearance and taste of water, so filtering it out can result in cleaner and more palatable water.
4. **Reduced Maintenance:** Our sediment pre-filter reduces the frequency of cleaning and maintenance required for other filtration components. By capturing larger particles early in the process, it minimizes the accumulation of debris in subsequent filters, reducing the need for frequent replacements or cleanings.
5. **Extended Equipment Lifespan:** Protecting appliances and plumbing fixtures from sediment and larger particles helps extend their lifespan. Sediment buildup in pipes, faucets, and appliances can cause damage and decrease efficiency. Using our sediment pre-filter prevents these issues, reducing wear and tear on your plumbing system and appliances.
6. **Cost Savings:** By preventing sediment from entering and potentially damaging expensive equipment, our pre-filter helps avoid costly repairs or replacements. Additionally, since it prolongs the life of other filters in the system, it reduces the frequency of filter changes, saving money on replacements.
7. **Better Overall Filtration:** Combining our sediment pre-filter with our other well filters ensures a more comprehensive water purification process. Removing larger particles beforehand allows subsequent filters to focus on smaller contaminants, providing more thorough water filtration.

**Stage 2 Well System - Iron filter** offers a wide range of benefits when used in our advance 3 stage water filtration systems.

#### Key Features:

1. **Iron Removal:** Iron filters are specifically designed to effectively remove iron from well water. Iron in water can cause a metallic taste, staining on fixtures, and discoloration of clothes and dishes. Our iron filter helps eliminate these issues by trapping and removing iron particles.



- 2. Improved Water Quality:** By removing iron, the water quality significantly improves. Water becomes clearer, tastes better, and is free from the rust-colored stains that iron can cause on sinks, tubs, and toilets.
- 3. Protecting Plumbing and Appliances:** Iron buildup can cause damage to plumbing fixtures and appliances like washing machines, dishwashers, and water heaters. Using our iron filter helps prevent this buildup, extending the lifespan of these appliances and reducing maintenance costs.
- 4. Better Skin and Hair Health:** Iron-free water can also have positive effects on skin and hair. High iron content in water might cause skin irritation and dryness, while iron-free water can result in softer skin and shinier hair.
- 5. Reduction in Maintenance:** With our iron filter in place, there's less need for frequent cleaning or replacement of appliances and plumbing due to iron-related issues. This reduction in maintenance saves both time and money in the long run.
- 6. Enhanced Overall Filtration System Performance:** In our multi-stage filtration system, having an iron filter as part of the setup can optimize the overall performance. By removing iron particles in an earlier stage, it prevents these particles from potentially clogging or interfering with the functioning of subsequent filtration stages.

**Stage 3** Well System Catalytic Carbon Filter utilizes catalytic carbon filtration technology, is engineered to enhance the taste and odor of water while also reducing the presence of chemical contaminants. Here's an overview of its features and functionalities:

- 1. Catalytic Carbon Filtration:** The filter employs catalytic carbon, which is a specialized form of activated carbon

designed to be particularly effective in removing chlorine, chloramine, and other chemical contaminants from water. Catalytic carbon enhances the filtration process by promoting chemical reactions that break down and neutralize these compounds.

- 2. Chlorine and Chloramine Reduction:** Chlorine and chloramine are commonly used as disinfectants in municipal water treatment. However, their presence can result in unpleasant tastes and odors in drinking water. The Toppen Chlorine/Chloramine Block Filter is specifically tailored to effectively reduce these chemicals, thereby improving the taste and smell of the water.
- 3. Polishing Filter:** Beyond addressing taste and odor concerns, this filter acts as a polishing filter, providing an additional layer of purification to ensure that the water meets higher quality standards. It helps remove residual impurities, enhancing overall water quality.
- 4. Chemical Contaminant Reduction:** Apart from targeting chlorine and chloramine, catalytic carbon filtration is effective against various chemical contaminants present in water, such as volatile organic compounds (VOCs), pesticides, and certain heavy metals. It contributes to the reduction of these substances, promoting healthier and safer drinking water.
- 5. Improved Taste and Odor:** The removal of chlorine, chloramine, and other chemical compounds greatly improves the taste and odor of the water, making it more palatable and pleasant for consumption and everyday use.
- 6. Compatibility and Installation:** The filter is likely compatible with standard filtration systems, making it convenient to install as part of an existing water treatment setup. Installation should be relatively

FLOW RATES:		
UNIT	GPM Nominal	GPM Max
2.5" x 10" 3 Stage System	5	10
2.5" x 20" 3 Stage System	10	20
4.5 x 20" 3 Stage System	20	50

SIZING SYSTEM:	
2.5" x 10" 3 Stage System	1 to 2 bathrooms (house/apt/office)
2.5" x 20" 3 Stage System	3 to 4 bathrooms (house/apt/office)
4.5 x 20" 3 Stage System	5 to 8 bathroom (homes/office)

**Water Testing:** We recommend Simple Lab for water testing. From their testing we can make recommendation for water filtration, even if you need customized filters.

**Customized Filter Available**

\*\*\*Greener Solutions and Toppen recognize that clients will have unique water profiles and might need customized filter for their specific water issues. We have the technology, expertise, and production capabilities to customize filters to your needs.

RAISING HEALTH, SAFETY AND ENVIRONMENTAL STANDARDS

WWW.GREENER-SAFER.COM / 888-963-6178

AN ENVIRONMENTAL QUALITY CONSULTING COMPANY