



Certified to NSF/ANSI Standard 350

Winner of the 2017 National Association of Home Builders (NAHB) Best Green Building Product
The Greyter HOME™ (Model GH1118) is certified to NSF 350.

The Greyter HOME™ Residential Water Recycling System

Enabling builders, municipalities and homeowners to create water-efficient communities.

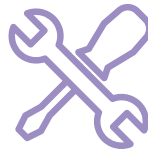
Achieve high-density development and minimize the impact to water resources

The Greyter HOME™ (Model GH2100) was designed in collaboration with several top US homebuilders, resulting in a residential water recycling system that meets the most important requirements for large-scale home development, while providing homeowners with a reliable, long-term water-saving solution. These features include:



Compact size

Only 31 inches wide, 72 inches tall, 19 inches deep, the compact Greyter HOME can be installed in a discreet location, such as a basement, garage or mechanical room. Unlike many residential water recycling systems, the Greyter HOME has no bulky outdoor or underground components to install or maintain.



Minimal maintenance, reliable and safe

The Greyter HOME is designed with self cleaning filters to provide reliable performance with few touch-points. The Greyter HOME requires that the chlorine reservoir be refilled 2-3 times per year. A membrane filter deep-clean and an adsorption media exchange typically occurs every 12-18 months. The system uses a non-biological approach and self cleaning filters in order to provide a safe, reliable and high performing solution. Not only does the quality of water discharged from the system meet the NSF 350 standard for toilet flushing, but the risk of bacteria pass-through is eliminated by our proprietary self cleaning membrane.



Quick and easy installation

The Greyter HOME requires only five plumbing connections and can be installed by a professional plumber in about 2 hours. Rough-in plumbing is equally simple and, in most cases, can be completed in two to four hours.



Low energy requirements

For a typical family of four, the Greyter HOME requires only about 175 kWh of electricity per year to treat and pump recycled water for toilet flushing. Energy consumption will vary based on household size and water reuse.



Delivers near-potable water quality

Designed to meet stringent regulatory standards for indoor water reuse, the Greyter HOME produces clear, odor-free, microbiologically safe water for toilet flushing. Model GH2100 is certified to NSF 350.



Highly efficient water recycling – up to 25 per cent

The low-maintenance ultrafiltration membrane enables the Greyter HOME to efficiently recycle greywater and reduce residential demand for potable water by as much as 25 per cent. Total water savings will vary based on household size and water use.



Affordable

The Greyter HOME is one of the lowest cost, advanced treatment systems for residential water recycling. Moreover, the system can help builders gain municipal incentives for residential water recycling such as greater home density, lower water connection fees, accelerated permits and development credits.



"The Greyter HOME enables new-home builders to easily achieve significant water conservation targets with an affordable, compact, easy-to-install appliance."

- Mark Sales
Co-founder and CEO
Greyter Water Systems

Designed with builders, to meet the needs of growing communities

The Greyter HOME is a compact, fully automated water recycling system that can help reduce indoor water consumption by as much as 25 percent in a family home. The system captures water from showers and bathtubs, treats it to a near-potable quality and provides clear, odor-free water to meet a home's toilet flushing demands.

Many municipalities are recognizing the benefits of residential water recycling to conserve regional water supplies and create water-efficient communities, especially in areas where growth is constrained by limited water resources.



It makes no sense to flush toilets with perfectly good drinking water. Only two showers per day can provide enough water to the Greyter HOME to meet the toilet flushing needs of a family of four.

The Greyter HOME plays an important part in helping municipalities implement long-term, sustainable water management strategies and its use in new home construction could enable builders to achieve municipal incentives for water conservation such as:

- Lower water connection fees;
- Accelerated permit approvals;
- Development credits;
- Greater density of homes in a development project.

Over the long term, the Greyter HOME also contributes to a sustainable water management strategy for the community and helps homeowners save money on water and sewer costs.

Advanced technology, fully automated operation

The Greyter HOME incorporates system-control technologies, a non-biological self cleaning membrane and a self cleaning prefilter that operate automatically in order to provide a reliable, high performing and low maintenance solution.

The first step in the process removes hair and large solids in a patent-pending, self-cleaning pre-filter. Water then passes through an ultrafiltration membrane that removes 99.99% of microorganisms, as well as soap and smaller solids. Following that, adsorption media removes remaining soap, color and odor before the water enters a storage tank and chlorine is added. A touchpad controller handles all aspects of system operation and provides homeowners with performance data, maintenance reminders and tutorials.



Proudly manufactured in North America

Greyter Water Systems has a decade of expertise in designing and building its highly sought-after water recycling systems for commercial buildings.

During this time, the Greyter team has designed, delivered and supported water recycling projects for demanding and challenging applications such as military installations, hotels, schools, condominiums and office buildings. With scalable, responsive manufacturing capacity and talented design and delivery teams, Greyter is well equipped to meet the demand for Greyter HOME systems in residential development projects throughout North America.



Comprehensive warranty and support

The Greyter HOME system is covered by a comprehensive two-year warranty. A network of local representatives is available to provide a full range of services including system commissioning, maintenance, and technical support. Contact Greyter Water Systems to learn more about support in your area.

Greyter HOME system specifications

Dimensions	72" H x 31" W x 19" D (182 cm H x 78 cm W x 48 cm D)
Plumbing connections	<ul style="list-style-type: none">➤ 1 – 1½" ABS or PVC (vent)➤ 2 – 2" ABS or PVC (greywater inlet, sanitary)➤ 1 – ¾" PEX or copper (toilets)➤ 1 - ½" PEX or copper (city water)
Holding capacity	64 gallons (242 liters)
Electrical connection	One single gang 120 V, 15 A
Electricity usage	175 kWh annually (approximate) Energy consumption will vary based on household size and water use



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