WATERGNOME™ Whole Home Filtration Systems

INSTALLATION INSTRUCTION & OWNER'S MANUAL



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Thank you for choosing the WaterGnome Whole Home Water Filtration System.

Before Installation

Inspect the package

Please open the box, and take all the components and tool kit out. Inspect them to ensure that nothing was damaged during shipping. If any part is cracked or broken, please immediately contact WaterGnome Customer Support for replacement. Identify and get familiar with the components.

Recommended tools list

- Hacksaw
- Soldering iron or torch
- Flat head screwdriver
- Adjustable wrench
- Medium crescent wrench

Operating conditions

- Flow rate: 3 – 15 GPM.
- Peak flow rate: 15 GPM
- Minimum working pressure: 25 psi.
- Maximum working pressure: 80 psi.
- Water temperature: 40 – 100 °F (4 – 37 °C).
- pH range: 6 – 11.

Liability:

The installer is responsible for any leaks resulting from installation of tubing or related fittings. The installer must check over the entire unit completely while under pressure to ensure unit is not leaking and functioning properly. Liability resulting from failure to check for leaks while under pressure is the sole responsibility of the installer. Maximum pressure rating is 80 PSI. If local water pressure exceeds 80 PSI, a pressure regulator must be installed, reducing the water pressure into the system.

Additional Warnings:

- After installation check the unit for leaks.
- Do not connect the system to water outside the specified operating temperature range.
- Change filters regularly.
- Do not freeze the unit.
- Heed source water operating parameters.
- Do not use with microbiologically unsafe water.
- Do not use with water of unknown quality.

GOT A QUESTION?
CALL
(855)554-6663



Included Components

*Model Specific components are marked with **



1x System head



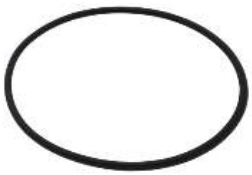
***1-2x 4.5"x20" Filter**



***1-3x 4.5"x20" Filter Housings**



1x Housing Wrench



1x Spare O-Ring

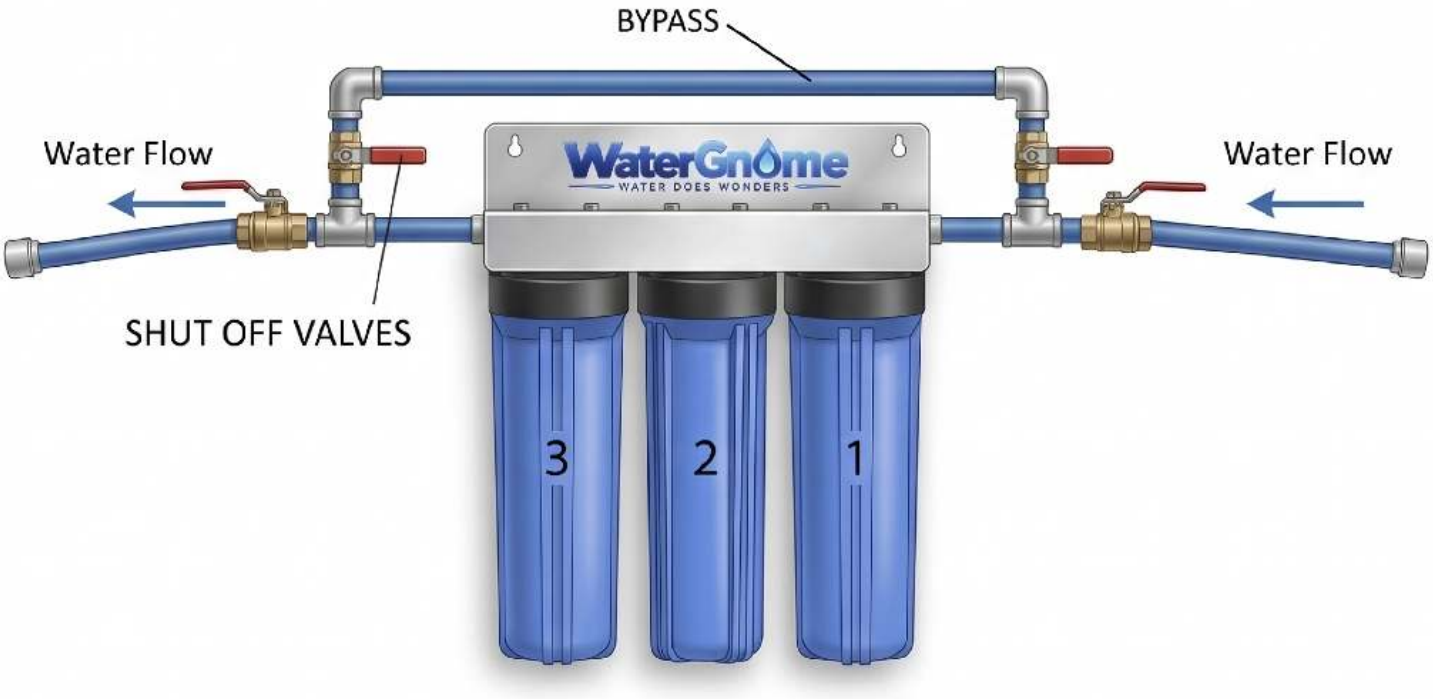


1x Teflon tape



***1-2x 4.5"x20" Media**
**Filtersorb SP3 (White Beads)*
**Catalytic Carbon (Black Pieces)*

Installation Overview



MODEL	STAGE 3	STAGE 2	STAGE 1
WG-CFLOW-*	Catalytic Carbon (WG-CC)	Carbon Block (WG-CB)	Sediment Filter (WG-SED)
WG-ESS-*	Filtersorb SP3 (WG-SP3)	Carbon Block (WG-CB)	Sediment Filter (WG-SED)
WG-ADV-*	Filtersorb SP3 (WG-SP3)	Catalytic Carbon (WG-CC)	Sediment Filter (WG-SED)
WG-ULT-*	Filtersorb SP3 (WG-SP3)	Catalytic Carbon (WG-CC)	Carbon Block (WG-CB)

**Standard Size (100) for 3/4"-1" and Large Size (150) for 1.25"-1.5"*

Installation Guidelines

● This filter system should not be used with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and/or after the system.

● The filter should be kept in a sheltered location and should never be exposed to freezing or extreme temperatures and direct sunlight. Such damage is not covered under any warranty.

● Be sure to note the inlet/ outlet markings and the water flow direction.

● A three-valve bypass valve and loop may be installed to loop the entire system to make servicing easier.

● Hard copper pipes generally come in two types. Use the thicker "L" type copper pipe rather than thinner "M" type copper pipe.

● Follow all local plumbing and building codes.

Pre-Installation

Warning: If you have never installed a filtration system, watch a tutorial video first. Mistakes can permanently damage your plumbing.

● Turn off the water to your house before beginning the installation.

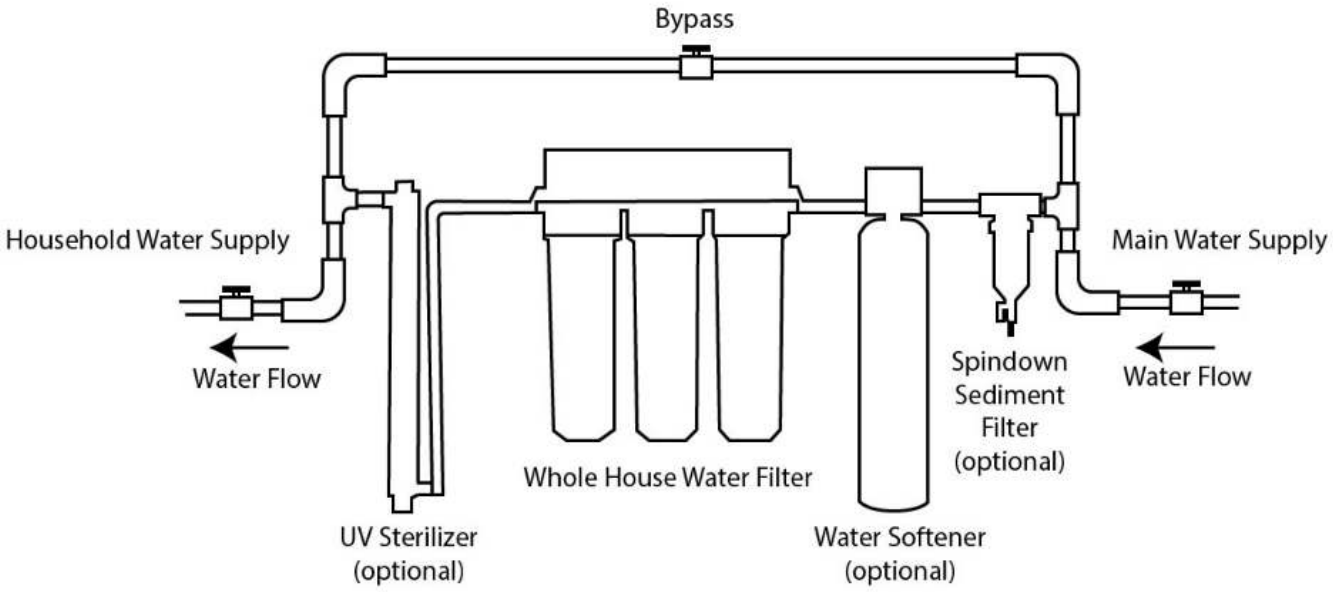
● Turn off power to your water heater before installation.

● Open all plumbing fixtures in the house to drain the lines of water and pressure.

● Lay out all the fittings and tools you will need to install the system depending on your configuration.

● Be sure to use Teflon tape on threaded fittings.

Installation



Installation Steps

Step 1: Measure the System and Cut the Pipe



1.1 Determine location and water flow direction for the system. The system's default inlet is on the RIGHT. IF your installation requires a LEFT side inlet instead, you can converse the caps union by unscrewing the bolts that connect it with the bracket.

1.2 Measure, cut, and remove the section of water linewhere the system is to be installed. When determiningthe length of pipe to cut, account for filter width,shutoff valves, union fittings, nipple fittings, pressure gauges (if used) and bypass valve (if used).

1.3 Allow the cut line to drain. Smooth the new cut ends down to avoid jagged points or edges.

Step 2: Mount the System Head



2.1 Securely mount the whole house filter bracket and ensure the system is level.

2.2 Prep your 1" male MPT threaded adapters (for 100 series models like WG-ULT-100) or 1.5" adapters (for 150 series models like WG-ULT-150). Leave the first thread bare, then apply 4–6 wraps of Teflon tape (3–4 wraps if using thicker tape like Blue Monster). Wrap CLOCKWISE around the threads.

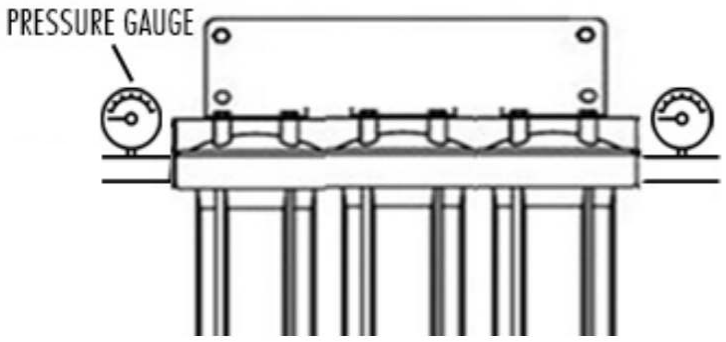
2.3 Carefully thread and attach these prepared adapters into the INLET and OUTLET ports of the system head, then connect them to your main plumbing lines.

Step 3: Install Bypass / Shutoff Valves / Pressure Gauges (Optional)

3.1 Check pipe length and pipe union length to see if additional pipe length or union is required. Join pipe union and pipe.

3.2 Place a system bypass, shutoff valves, and/or pressure gauges on either side of the filter for ease of monitoringand ease of service. Bypass can be added by installing a ball valve on each side of the system and running a line over the system to bypass it. (See Installation diagram on Page 4)

3.3 Fit pipe hanger on water INLET and OUTLET side for additional support.



Step 4: Installing and Flushing Filters

4.1 Prepare a bucket and towel.

4.2 Unwrap cartridges and insert one into each housing centered on the standpipe.

4.3 Hand tighten the Blue Filter Housing. Then, using the supplied Filter Wrench, lightly snug the housing while making sure not to over-tighten.





4.4 After installing each filter stage, flush the newly installed filter for 1–2 minutes. Leave the next downstream filter housing uninstalled during this process, and place a bucket underneath the open housing to collect the flush water.

4.5 After installing your filters, slowly turn the water supply back on and check all connections for leaks. Then open the nearest COLD-water faucet and run the water for approximately 10 minutes to flush out any remaining carbon fines.

CAUTION: Flush with **COLD** water only. Using hot water can wash carbon fines directly into your water heater and damage the heating elements or tank.

NOTICE: Do not be alarmed if your water looks "cloudy" or milky for the first day or two; this is simply millions of tiny air bubbles being purged from the new filters and will clear up naturally within a few days.

Congratulations!
You have successfully installed your

WaterGnome

Whole Home Water Filtration System!

WATERGNOME LIMITED WARRANTY

WATERGNOME warrants to the original purchaser that the original system will be free from defects in materials and workmanship for the life of the product, when properly installed, operated, and maintained according to WATERGNOME instructions. This warranty covers manufacturer-supplied parts only; labor, installation, removal, replacement, service, maintenance, and repair costs are excluded.

Exclusions

Membranes, filters, O-rings, seals, and other components subject to normal wear or routine replacement are not covered. This warranty also excludes damage or failure caused by improper installation or maintenance, misuse, abuse, tampering, unauthorized modification, improper parts or materials, scaling, fouling, or operating conditions outside the specifications below.

Operating Conditions:

The system must be used with potable water and maintained according to WATERGNOME instructions. Inlet water conditions must maintain a flow rate of 3–15 GPM (with a 15 GPM peak), working pressure between 25–80 PSI, water temperature between 40–100°F (4–37°C), and a pH range of 6–11.

WATERGNOME does not guarantee system performance under changing or unknown water conditions and is not responsible for determining whether additional treatment or equipment is required for a particular water supply. Laboratory performance may differ from actual results.

This warranty does not cover damage caused by fire, accident, negligence, flood, acts of God, or other events beyond WATERGNOME's reasonable control. Failure to perform required maintenance or operation outside the specified conditions may void this warranty.

For warranty service, contact the original retailer or authorized WATERGNOME dealer and provide proof of purchase. If a covered defect is confirmed, WATERGNOME may, at its option, repair or replace the defective part.

LIMITATION OF LIABILITY:

To the fullest extent permitted by law, WATERGNOME is not liable for incidental, indirect, special, or consequential damages, including loss of time, revenue, property, or other related costs. Any implied warranties are limited to the extent permitted by applicable law. This warranty gives you specific legal rights, which may vary by state.

Warranty Registration

We provide a lifetime manufacturer warranty and lifetime tech support for all of our products. If you wish to return a product, it must be in original, unused condition. A 20% restocking fee will apply for all systems, and shipping is non refundable. To register your product for the warranty, go to www.watergnome.com and submit your warranty registration under the "WarrantyRegistration" tab.

We love to help our customers. If you have any questions or concerns about our products, please don't hesitate to call or email us. We will do everything that we can to make your purchase a 5 star experience.