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› [iSpring WGB32B 3-Stage Whole House Water Filter System Instruction Manual](#)

iSpring WGB32B

iSpring WGB32B 3-Stage Whole House Water Filter System Instruction Manual

Model: WGB32B

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your iSpring WGB32B 3-Stage Whole House Water Filter System. This system is designed to filter water at the point of entry to your home, reducing sediment, rust, taste, odor, and up to 99% of chlorine, ensuring cleaner water throughout your household.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing or operating the system. Failure to do so may result in property damage, injury, or death.

- Always turn off the main water supply and relieve pressure before performing any installation or maintenance.
- Do not overtighten fittings or filter housings, as this can cause cracks and leaks.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation and maintenance.
- Ensure all connections are secure and leak-free before restoring water pressure.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. PRODUCT OVERVIEW

The iSpring WGB32B is a 3-stage whole house water filtration system featuring 20-inch by 4.5-inch filters and 1-inch NPT inlet/outlet ports. It is designed to provide robust water flow while effectively filtering your home's water supply.

3.1 Filtration Stages

1. **Stage 1: PP Sediment Filter (FP25B)** - Reduces sediment, dirt, sand, rust, and other large particles down to 5 microns.
2. **Stage 2: CTO Carbon Block Filter (FC25B)** - Further reduces chlorine, tastes, odors, and chemicals.
3. **Stage 3: CTO Carbon Block Filter (FC25B)** - Provides additional filtration for chlorine, tastes, odors, and chemicals.

3.2 Key Features and Specifications

- **Model:** WGB32B
- **Brand:** iSpring
- **Dimensions:** 24.5"L x 8"W x 28"H
- **Item Weight:** 45 Pounds
- **Maximum Flow Rate:** 15 Gallons Per Minute (GPM)
- **Filter Capacity:** Up to 100,000 Gallons or 1 year (depending on water quality)
- **Inlet/Outlet Size:** 1" NPT
- **Operating Temperature:** 40°F - 100°F (4°C - 38°C)
- **Max Supported TDS:** 300 PPM
- **Included Components:** 1 system, 3 filters, filter housing wrench, and user manual



Reinforced Construction

- 

Leakproof
- 

No Pressure Loss
- 

Heavy Duty
- 

1 Inch Input
& Output

*Please check out our video and apply plumber's tape correctly

Figure 3.1: iSpring WGB32B 3-Stage Whole House Water Filter System. This image shows the complete three-stage filtration unit with its black mounting bracket and three blue filter housings.

Installed at the Point of Entry

Stage 1: FP25B Sediment Filter



Stage 2: FC25B Carbon Block Filter



Stage 3: FC25B Carbon Block Filter



Reduces Sediment, Sand, Large Particles, and up to **99%** of Chlorine
Lasts up to **12 Months** or Filters up to **100,000 Gallons** of Water

Figure 3.2: Filtration process diagram. This diagram illustrates how water flows through the three stages, showing the removal of sediment, sand, rust, dirt, odors, taste, chlorine, and chemicals at each stage.

Congratulations!

You've Found the Globally Appraised
Whole House Water Filter System Brand

Targets Chlorine and Sediment

Figure 3.3: Overview of the iSpring WGB32B system components. This image displays the three blue filter housings, the black mounting bracket, and the three filter cartridges (sediment and carbon block) that come with the system.

4. INSTALLATION

The iSpring WGB32B system is designed for DIY installation. Refer to the included user manual for detailed diagrams and safety precautions. It is recommended to install the system at the main water supply line entering your home.

4.1 Pre-Installation Steps

1. **Turn off Water Supply:** Locate and turn off the main water supply valve to your home.
2. **Relieve Pressure:** Open the nearest cold water faucet to drain water from the pipes and relieve pressure.
3. **Gather Tools:** Ensure you have all necessary tools and fittings, including a pipe cutter, adjustable wrench, plumber's tape, and a bucket.

4.2 Applying Plumber's Tape

Proper application of plumber's tape (thread seal tape) is crucial to prevent leaks at threaded connections. Apply 6-8 wraps of tape in a clockwise direction to all male pipe threads. Ensure the threads are clean and free from debris before application.

Your browser does not support the video tag.

Video 4.1: How to Apply Plumber's Tape Correctly - Step by Step. This video demonstrates the correct method for applying plumber's tape to threaded fittings to ensure a watertight seal.

4.3 Mounting the System

Choose a suitable location for the system, preferably near the main water inlet and a drain. The system should be mounted to a sturdy surface, such as wall studs, using appropriate hardware. The black metal bracket provided is designed for secure mounting.

Product Dimensions



Please ensure the flow direction matches the inlet/outlet markings on the system.

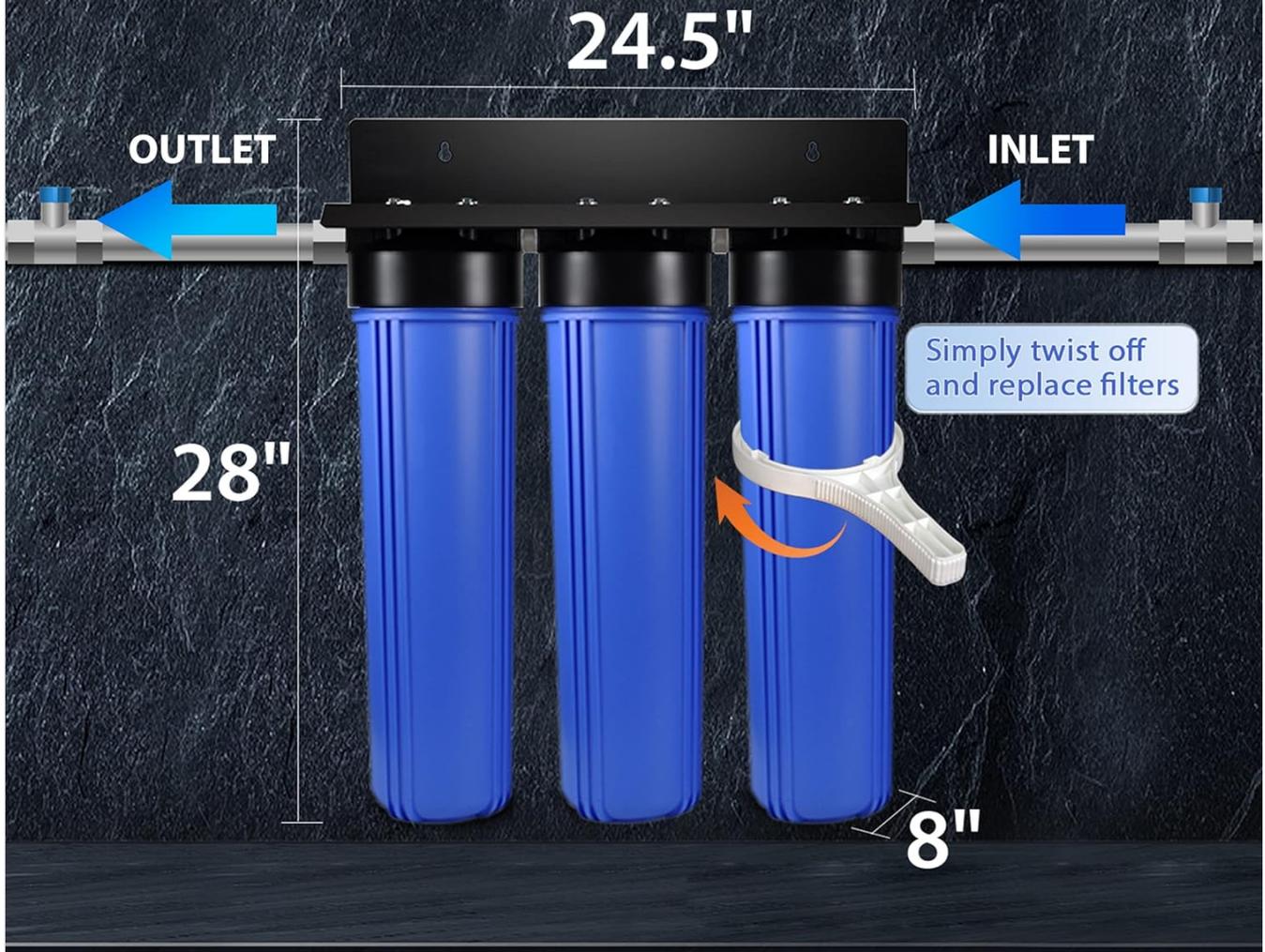


Figure 4.1: Product dimensions and flow direction. This image shows the overall dimensions of the filter system (24.5"L x 8"W x 28"H) and indicates the inlet and outlet ports, emphasizing the importance of correct water flow direction.

4.4 Connecting to Plumbing

Cut into your main water line and install the system. Ensure the water flow direction matches the arrows on the system's manifold. The inlet should be on the right and the outlet on the left when facing the system. If your plumbing requires a different flow direction, the housing caps can be reoriented (refer to the "WGB and WCB Series Flow Direction" video).

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Video 4.2: WGB and WCB Series Flow Direction. This video explains how to ensure the correct water flow direction for your iSpring whole house filter system and how to adjust it if necessary.

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Video 4.3: iSpring Whole House Water Filtration System Installation. This video provides a comprehensive guide to installing the iSpring whole house water filtration system, covering plumbing connections and initial setup.

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Video 4.4: Installation - iSpring Whole House Water Filtration System. This video offers another perspective on the installation process

for the iSpring whole house water filtration system, detailing key steps for a successful setup.

4.5 Flushing the System

After installation, slowly turn on the main water supply. Open a nearby cold water faucet and let the water run for at least 10 minutes to flush out any carbon fines or air from the system. Check for any leaks during this process.

5. OPERATION

Once installed and flushed, your iSpring WGB32B system will continuously filter all water entering your home. The system maintains healthy minerals in your water, unlike reverse osmosis systems which remove Total Dissolved Solids (TDS).



Figure 5.1: Benefits of filtered water. This image highlights the advantages of using the iSpring system, including soft skin & hair, spotless dishes, no smelly water, and clean & soft laundry.

6. MAINTENANCE & FILTER REPLACEMENT

Regular maintenance and timely filter replacement are essential for optimal system performance and water quality. The filters should be replaced approximately every 100,000 gallons or annually, depending on your water quality and usage.

6.1 Filter Replacement Steps

1. **Shut off Water Supply:** Turn off the main water supply to the system.
2. **Relieve Pressure:** Press the red pressure release button on top of each filter housing (if applicable) to relieve pressure. Open a nearby faucet to further release pressure.
3. **Unscrew Housings:** Use the included filter housing wrench to unscrew the filter housings counter-clockwise.
4. **Remove Old Filters:** Carefully remove the old filter cartridges and dispose of them properly.
5. **Clean Housings:** Clean the inside of the filter housings with warm, soapy water. Rinse thoroughly.
6. **Insert New Filters:** Unwrap new filter cartridges. Ensure the filter center holes slip over the center knob in the bottom of the housings. Apply food-grade silicone lubricant to the housing O-rings and ensure they are properly seated to prevent leaks.
7. **Re-tighten Housings:** Hand-tighten the housings clockwise onto the housing caps. Use the filter wrench to tighten another quarter to half turn. **Do not overtighten.**
8. **Restore Water Supply & Flush:** Slowly turn on the main water supply. Open a nearby cold water faucet and let the water run for at least 10 minutes to flush out any carbon fines or air. Check for leaks.



Figure 6.1: PP Sediment Filter. This image shows the polypropylene sediment filter, which is the first stage of filtration in the WGB32B system.



Figure 6.2: CTO Carbon Block Filter. This image displays the carbon block filter, used in the second and third stages of the WGB32B system for chemical and odor reduction.

7. TROUBLESHOOTING

If you encounter any issues with your iSpring WGB32B system, please refer to the detailed troubleshooting section in the full user manual or contact iSpring customer support for assistance.

8. WARRANTY & SUPPORT

iSpring offers an extended warranty and lifelong technical support for its products. To activate your warranty and access support, please register your product online. For any questions or issues, our dedicated customer service team is ready to assist you.



Figure 8.1: iSpring Customer Support Team. This image shows members of the iSpring support team, emphasizing their commitment to customer assistance.