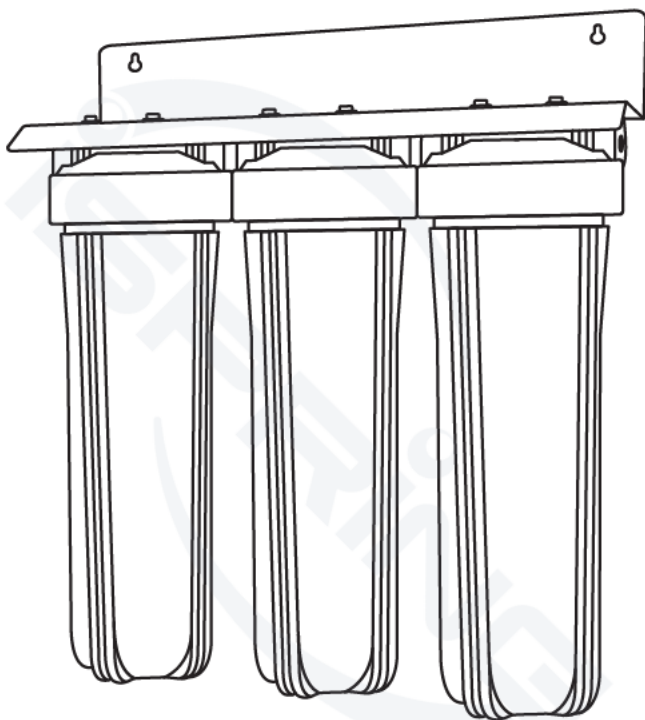


# WHOLE HOUSE

## iSpring WGB32B Series Heavy Duty Water Filtration Systems



### Installation Instructions & User Manual

Ver. 01/2025



**iSpring** Water Systems

Scan for  
FREE extended  
warranty



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Thank you for choosing iSpring Water Filtration Systems! Built from quality components and delivering exceptional performance, this system is designed to provide you and your loved ones with a continuous on-demand supply of clean and refreshing filtered water for many years to come.

This manual includes the necessary information on how to properly install, operate, and maintain your iSpring Water Filtration System.

Please keep this manual for future reference.

### **Attention Installers**

Only use food-grade grease on O-rings.

The O-rings that come with the original package are already lubricated and ready to use.

When additional lubrication is needed, please contact us at +1 (678) 261-7611 (M-F, 9:00 - 5:00 EST) or email us at [support@ispringfilter.com](mailto:support@ispringfilter.com).

### **Fitting Installation**

Depending on the actual size of the pipe, up to 12 - 15 wraps of plumber's tape might be required to seal the pipe connections. Apply 6 - 7 wraps of tape and press into threads without cutting. Apply 6 - 7 more wraps and neatly form before installation.

Plumber's tape can be purchased on our website at [www.ispringfilter.com](http://www.ispringfilter.com).

## Table of Contents

<b>Product Overview .....</b>	<b>1</b>
Product Operations and Specifications .....	1
Component List .....	1
Tools Needed .....	1
Parts Not Included .....	2
<b>Installation .....</b>	<b>2</b>
Pre-installation Notes .....	2
Pre-installation .....	3
Installation Overview .....	3
Installation Instructions .....	4
<b>Maintenance Instructions .....</b>	<b>8</b>
<b>Filter Change Instructions .....</b>	<b>9</b>
<b>Troubleshooting .....</b>	<b>10</b>
<b>Frequently Asked Questions .....</b>	<b>11</b>

## Product Overview

### Product Operations and Specifications

Model	WGB32B Series
Flow Rate	3 - 15 GPM
Working Pressure	25 - 80 psi
Working Temperature	40 - 100°F
pH	6.0 - 9.0

### Component List

Part	Description	Qty
System Bracket w/ Cap	Metal bracket w/ 1" Female NPT inlet/outlet + Black cap	1
Housing	Housing w/ O-rings (HB28B)	3
Filter Cartridge	WGB32B: PP Sediment Removal (FP25B) x1, CTO (FC25B) x2 WGB32B-KS: PP Sediment Removal (FP25B) x1, GAC+KDF (FG25B-KS) x1, CTO (FC25B) x1 WGB32BM: PP Sediment Removal (FP25B) x1, CTO (FC25B) x1, Fe/Mn Removal (FM25B) x1 WGB32B-CPB: PP Sediment Removal (FP25B) x1, CTO (FC25B) x1, Lead Removal CTO (FC25B-PB) x1 WGB32B-PB: PP Sediment Removal (FP25B) x1, CTO (FC25B) x1, Lead Removal (FCRC25B) x1 WGB32B-MKS: PP Sediment Removal (FP25B) x1, GAC+KDF (FG25B-KS) x1, Fe/Mn Removal (FM25B) x1 WGB32B-DS: PP Sediment Removal (FP25B) x1, Anti-scale (FWDS150K) x1, CTO (FC25B) x1 WGB32B-KDS: Anti-scale (FWDS150K) x1, GAC+KDF (FG25B-KS) x1, CTO (FC25B) x1	3
Wrench	Housing wrench (AWR3)	1

### Tools Needed

Safety Glasses	Pipe Cutter
Towels	Torch
Flat Head Screwdriver	Adjustable Wrench & Medium Crescent Wrench
Deburring Tools	Plumber's Tape

## Parts Not Included

- (4x) Shutoff valves
- (2x) Hex nipples or pipe nipples
- (2x) Pipe union pressure regulators (as needed)
- (1x) Ground jumper cable
- (2x) Mounting screws
- (2x) 1" male NPT threaded adapters
- (2x) Pipe hangers

## Installation

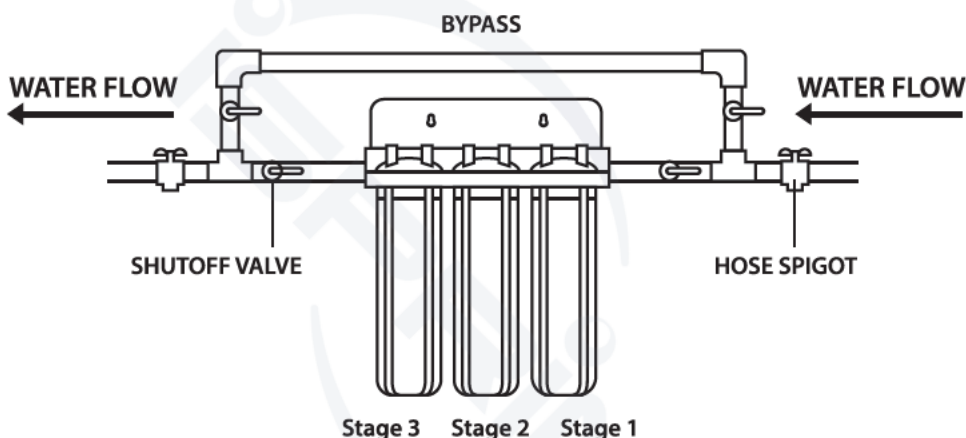
### Pre-installation Notes

- This installation guide provides a step-by-step, start to finish procedure for installing your iSpring whole house water filter. All steps provided herein are for typical installations only. Your specific application may vary.
- 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.
- Be sure to use plumber's tape on threaded fittings.
- If you and/or your plumber have any questions about installation, please call us at +1 (678) 261-7611 (M-F, 9:00 - 5:00 EST). We are happy to help.

## Pre-installation

- 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 for your configuration.

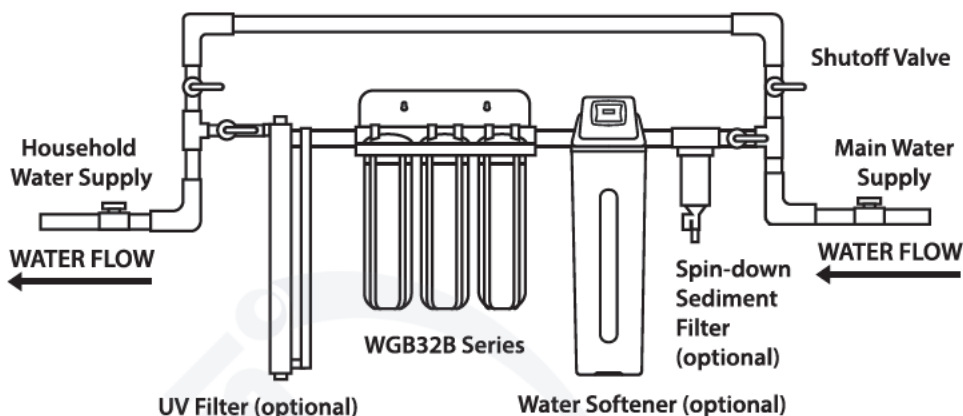
## Installation Overview



Model	Stage 1	Stage 2	Stage 3
WGB32B	PP Sediment Removal (Model#FP25B)	Carbon Block CTO (Model#FC25B)	Carbon Block CTO (Model#FC25B)
WGB32B-KS	PP Sediment Removal (Model#FP25B)	GAC + KDF (Model#FG25B-KS)	Carbon Block CTO (Model#FC25B)
WGB32BM	PP Sediment Removal (Model#FP25B)	Carbon Block CTO (Model#FC25B)	Iron & Manganese Removal (Model#FM25B)
WGB32B-CPB	PP Sediment Removal (Model#FP25B)	Carbon Block CTO (Model#FC25B)	Lead Removal CTO (Model#FC25B-PB)
WGB32B-PB	PP Sediment Removal (Model#FP25B)	Carbon Block CTO (Model#FC25B)	Lead Removal (Model#FCRC25B)
WGB32B-MKS	PP Sediment Removal (Model#FP25B)	GAC + KDF (Model#FG25B-KS)	Iron & Manganese Removal (Model#FM25B)
WGB32B-DS	PP Sediment Removal (Model#FP25B)	Anti-scale (Model#FWDS150K)	Carbon Block CTO (Model#FC25B)
WGB32B-KDS	Anti-scale (Model#FWDS150K)	GAC + KDF (Model#FG25B-KS)	Carbon Block CTO (Model#FC25B)

## Installation Instructions

### BYPASS



- The filter should be placed on the main water supply line near where it enters the house at any point past the main shutoff valve for the whole house, but before pipes branch off into multiple directions. However, you may choose to locate the filter after the line branches to the inside and outside plumbing depending on your filtration intent. **Your filter should be located in a dry, level area and protected from freezing temperatures and direct sunlight.**

### Notice:

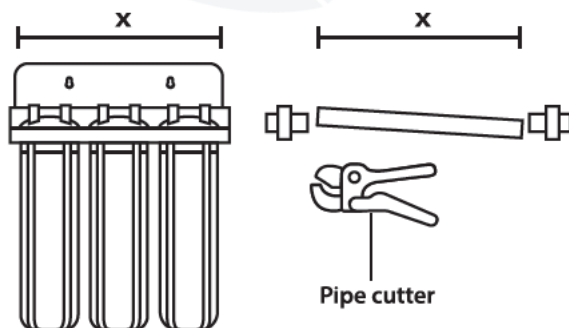
WGB series come with a 1" NPT Female inlet/outlet, which may require additional fittings to adapt to your plumbing. A shut-off valve is recommended before the water bypasses the system. See Installation Instructions step 3 for more information.

## Step 1 - Measure the System and Cut the Pipe

- Determine the location and water flow direction for the system.

### Notice:

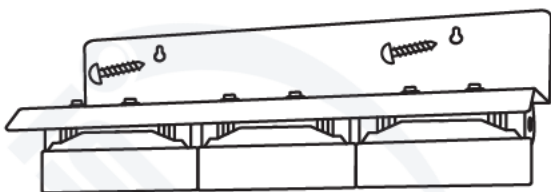
If the water flow of the pre-installed caps union points conversely to your water flow, you can converse the caps union by unscrewing the bolts that connect it with the bracket.



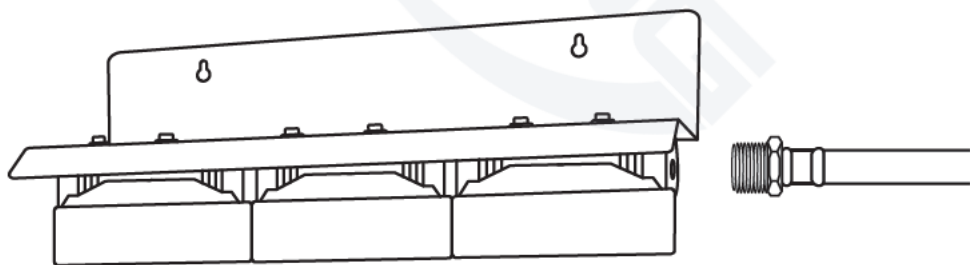
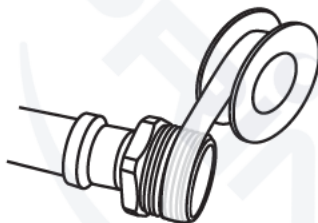
- Measure, cut, and remove the section of water line where the system is to be installed. **When determining the length of the pipe to cut, account for filter width, shutoff valves, union fittings, nipple fittings, pressure gauges (if used) and bypass valves (if used).**
- Allow the cut line to drain. Smooth the newly cut ends down (with a deburring tool, if necessary) to avoid jagged points or edges.

## Step 2 - Mount the Filter Bracket

- Securely mount the whole house filter bracket and ensure the system is level. (Screws are not included.)

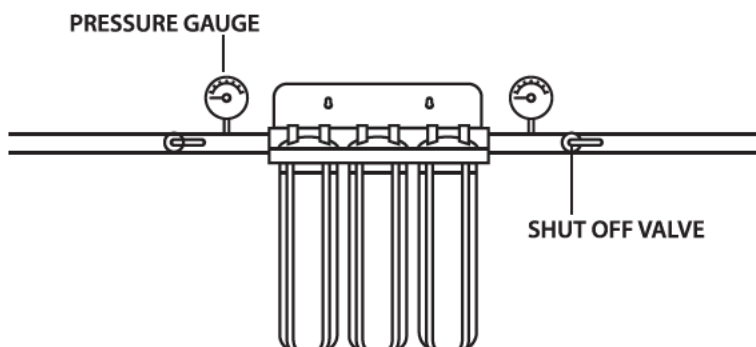


- Attach your plumbing to the INLET and OUTLET with 1" male NPT threaded adapters (not included). Apply 12-15 wraps of plumber's tape to each adapter to prevent leakage.



## Step 3 - Add on Shutoff Valve and Pressure Gauge (Optional)

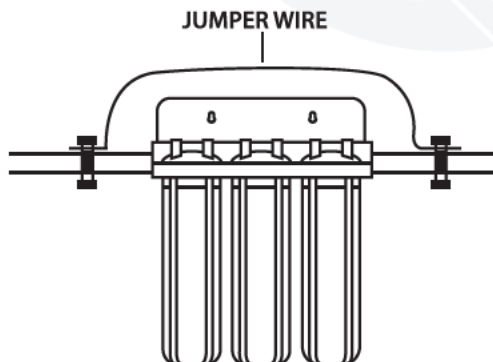
- Place a shutoff valve (not included) and/or a pressure gauge (not included) on either side of the filter for ease of monitoring and use.



- 1) You may need to adjust pipe length or distance. Fit a pipe union (not included) onto the cut section of the main water line.
- 2) Fit together pipe union and shutoff valve. Use Plumber's tape on threaded fittings.
- 3) Simultaneously fit together shutoff valve and whole house filter using pipe nipple (not included) or hex nipple (not included) to draw them together on the FEED side of the filter.
- 4) Simultaneously fit together filter and the shutoff valve on the OUTLET side of the filter. Fit pipe union to shutoff valve on OUTLET side.
- 5) Check pipe length and pipe union length to see if additional pipe length or union is required. Join pipe union and pipe.
- 6) Fit pipe hanger (not included) on water INLET and OUTLET side for additional support.

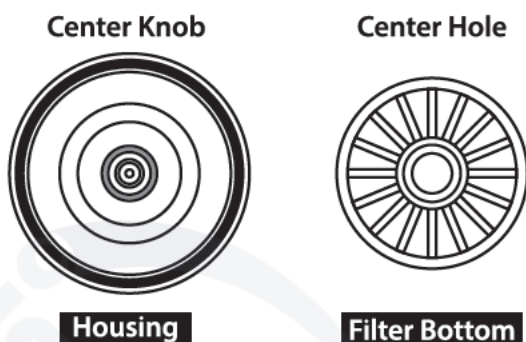
#### Step 4 - Connect ground jumper wire

- Connect ground jumper wire if you have metal pipes.

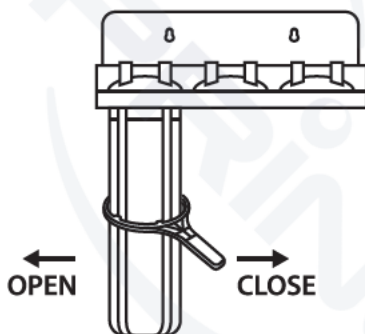


## Step 5 - Filter Cartridges and Housing Assembly

- Unwrap cartridges and insert each into each of the housing, centering on the standpipe. Make sure the center knob of the housing fits securely in the filter's central hole.



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



## Step 6 - Turn on the water supply and flush the system

- Slowly turn on the water supply to fill the housing. After a few minutes, the sound of water entering the system will stop.
- Check for leaks.
- Open the nearest COLD water faucet and run water for about 10 minutes to expel carbon fines.

**CAUTION:**  
Do not use a hot water faucet to perform the initial system flush.

**NOTICE:**

The water might be blackish in color for the initial flush. This is residual carbon dust and is to be expected. Continue to run water until it runs clear and all air has been purged. Shut the water off and let the unit sit for a while, and then flush again. It is not unusual for the water to appear "cloudy" for a day or so following installation. This cloudiness is actually tiny air bubbles being purged from the filters. This is normal and will clear up in a day or two.

**NOTICE:**

After prolonged periods of nonuse (such as a vacation), it is recommended that the system be flushed thoroughly for at least 10 minutes before using the water.

## Step 7 - Turn off the Faucet and Your System is Ready for Use

**NOTICE:**

Even though there is filtered water in the cold water lines, the hot water heater is still full of raw water. Through normal use, this water will be replaced with filtered water in about 2 or 3 days.

## Maintenance Instructions

### Chart of Model Numbers for Replacement Cartridges

Filter Type	PP	CTO	GAC+KDF	Iron / Manganese Removal	Lead Removal CTO	Lead Removal	Anti-scale
Model #	FP25B	FC25B	FG25B-KS	FM25B	FC25B-PB	FCRC25B	FWDS150K
WGB32B	●	● ●	○	○	○	○	○
WGB32B-KS	●	●	●	○	○	○	○
WGB32BM	●	●	○	●	○	○	○
WGB32B-CPB	●	●	○	○	●	○	○
WGB32B-PB	●	●	○	○	○	●	○
WGB32B-DS	●	●	○	○	○	○	●
WGB32B-MKS	●	○	●	●	○	○	○
WGB32B-KDS	○	●	●	○	○	○	●

● This filter is the one included in the original system package.

○ This filter can apply to this system, even though it is not included in the original package.

Your iSpring Whole House Water System requires scheduled maintenance. It is recommended that the cartridges be replaced every 6-12 months depending on the number of contaminants present in the water supply. If the system has been working properly but the pressure is slowing, it may be time to change the filter cartridge.

Replacement cartridges and parts can be ordered online at [www.ispringfilter.com](http://www.ispringfilter.com) or by calling +1 (678) 261 - 7611 (M - F, 9:00 - 5:00 EST).

## Filter Change Instructions

### Part 1 - Remove the Old Cartridge

- 1.1 Turn off the water supply to the system. Open a nearby faucet to release the pressure and drain the water.
- 1.2 Unscrew the housing using the filter wrench that was included (AWR3) with your system.
- 1.3 Locate and remove the large O-ring using a small, clean flat head screwdriver. Try not to remove any of the lubricant. Set it aside in a clean, safe place.
- 1.4 Remove and discard the old filter cartridge.

### Part 2 - Clean the Housing

- 2.1 Scrub the housing and cap with warm water mixed with about 2 tablespoons of household bleach using a sponge or soft rag. Wear rubber gloves. **Rinse all parts very thoroughly!**
- 2.2 Lubricate the O-ring with clean silicone grease if needed. **Do not use petroleum jelly.**
- 2.3 Insert the O-ring in the filter groove and press into place. **Make sure the O-ring is seated correctly.**

#### CAUTION:

This step is important to ensure the proper filter seal. Make sure the O-rings (ORB) are seated level in the groove. If the O-ring appears damaged, stretched, or crimped, it should be replaced. You can get replacement O-rings at [www.ispringfilter.com](http://www.ispringfilter.com).

### Part 3 - Install the New Cartridge

- 3.1 Remove the new filter packaging and insert the filter cartridge into the housing. Make sure they slip over the standpipe at the bottom of the housing.

3.2 Align the bottom of the housing into the cap and hand tighten. Then use the filter wrench (AWR3) to fit it snugly. **Do not over-tighten.**

3.3 Close any open valves. Turn on the water supply slowly to allow the system to fill with water. **Inspect carefully for leaks.** If a leak is found, remove the housing and inspect the O-ring to ensure that it is seated properly, and then retighten.

## Part 4 - Flush the System

4.1 Flush the system by turning on a few cold-water faucets. Allow the water to run until the air and carbon has been purged. Water may be cloudy initially as the filters and system clear of trapped air. New activated carbon filter cartridges may contain loose carbon and air bubbles after installation.

### Troubleshooting

Problem	Solution
Water pressure is dropping after a period of time	It is recommended that the cartridges be replaced every 6-12 months depending on the amount of contaminants present in the water supply. If the system has been working properly but the pressure is dropping, it may be time to change filter cartridges.
Water pressure is dropping immediately after installation	1) The cartridges may be installed incorrectly. Check to see if the plastic wrapping is still outside the filter cartridges. 2) Bathtubs, utility sinks, hose bibs, multi-headed showers, body sprayers, or anything that is considered high-flow should be avoided for the first 72 hours. Any high-flow situation within the first 72 hours may cause a temporary carbon blockage. To clear the blockage, turn off any running water for at least 10 minutes and resume using water at low or normal flow rates.
Water appears cloudy and gray	Water may appear cloudy or gray for the first 3-5 days after installation due to the tiny air bubbles being purged from the filters and extra carbon dust in the water.
Leaking from the housing connection	The O-ring may not be in place. If it still leaks after adjusting the O-ring, please contact iSpring Customer Service at +1 (678) 261-7611 or email us at <a href="mailto:support@ispringfilter.com">support@ispringfilter.com</a>

## Frequently Asked Questions

**Q: With this whole house system, do I still need to install a water softener if my water is very hard?**

**A:** Yes, a water softener is needed if your source water has a high level of hardness, usually with hardness higher than 60 ppm. Hard water can reduce the lifespan of whole house water filter cartridges. The harder the water, the greater amount of scale buildup occurs, and the sooner the filters get clogged.

This whole house water filter can remove 95% of sediment, chlorine, rust, and various other contaminants that a regular water softener can't; however, it does not soften your water. It is recommended that you install this WGB32B series whole house system after your water softener to achieve optimal performance if you have hard water.

To determine which product best suits your needs, it is recommended that you get a professional water test done prior to purchase to identify the main issue of your source water.

 **NOTE:**

**Water softeners and whole house systems usually do not lower the TDS level of the water. An additional reverse osmosis system may be necessary for your drinking water.** Please consult iSpring professionals prior to your purchase if you are unsure which product will meet your needs.

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**Q: What type of Whole House Water Filter do I need?**

**A:** If you are on municipal water that isn't contaminated with heavy metals like iron, manganese, and lead, the WGB32B is the system to choose. Naturally occurring metals are commonplace in most well water sources. If you are on well water or have heavy metals in your municipal water supply, you may want to consider the additional filtration options of WGB32BM, WGB32B-CPB, WGB32B-PB, WGB32B-KS, WF150K, or WCFM500K in place of the WGB32B.



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