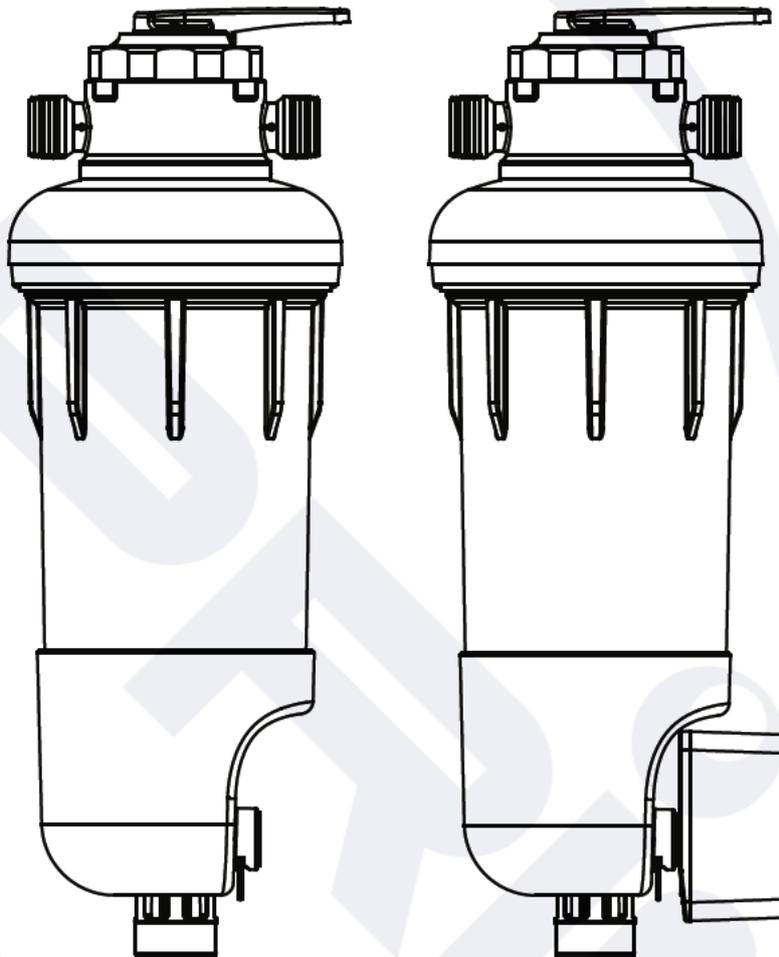


WHOLE HOUSE

iSpring Reusable Spindown Sediment Filter with Bypass Valve



Model: WSPJ-BP / WSPARJ-BP

Installation Instructions & User Manual

Ver. 01/2023



iSpring Water Systems



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We stand behind our products

Since 2005, iSpring has been dedicated to providing high-quality drinking water to families across the United States. We provide various residential faucets and water filtration systems that purify your water in everyday life and deliver pure, healthy, and tasty water to you and your family.

At iSpring, we strive to develop products to the highest standards and aim to make excellent drinking water accessible for all households. With affordable pricing, reliable quality, prompt delivery, and top-notch customer service, we hope to assist in bringing you great water for years to come.

Prior to Installation

Read this instruction manual carefully prior to installation.

Keep this manual readily available for future reference.

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User Information

The user must adhere to the installation specifications described in this Product Installation and Operation Manual (hereinafter referred to as the "instruction manual"). iSpring is not responsible for damage, loss, or injury resulting from neglect, improper maintenance, or unauthorized modification of products.

- This product is designed for residential use only. Contact iSpring customer service to inquire about usage in non-residential settings.
- The operating temperature range is 40 - 100°F. If the water temperature or ambient temperature falls below 40°F, immediately shut off the inline water supply, turn off the inline water adapter, and drain the remaining water from the system.
- In case of malfunction due to damage or failure of the power supply system, unplug the system immediately and contact iSpring customer service for guidance.
- If leaking occurs, shut off the inline water supply. Then unplug the system and contact iSpring customer service.
- Use only authorized iSpring parts and filters. Using unauthorized or aftermarket components will void the product warranty.
- It is recommended that users check external fittings and connections regularly to ensure all components are secure and operating correctly.
- Unauthorized modification and disassembly are strictly prohibited and will void the warranty.
- Never touch the power cord connector when your hands are wet, as this may result in electric shock.

Overview

The iSpring WSP-J / WSP-ARJ filters out particulate, sediment, rust, floating objects, and other pollutants in water. It should be installed as a central water purification pre-filter to protect terminal equipment and appliances such as downstream pipelines, water purifiers, water heaters, wall-hung boilers, washing machines, and showerheads.

The iSpring WSP-J / WSP-ARJ is flushable and reusable. A toggle switch allows particles trapped in the filter to be flushed out without needing to shut down the water supply first.

Packing List

1. Filter Body	2. Housing Wrench	3. 3/8" Quick Fitting	4. Manual Ball Valve Handle	5. Mounting Bracket
				
	6. 3/8" PE Tubing	7. User Manual	8. Expansion Anchors x4	9. Mounting Screw
				

Product Features

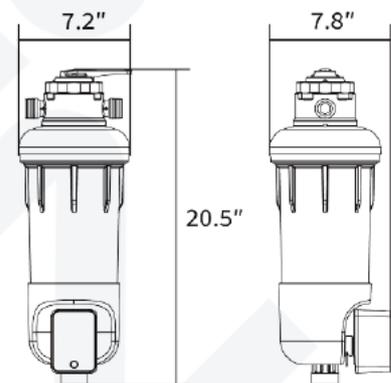
- The system is constructed with 316L food-grade stainless steel precision filter mesh.
- Core components are made of pressure-resistant materials.
- Explosion-proof transparent housing provides clear visibility, great intuitiveness, and convenience for users.
- Universal fittings can be easily installed and adaptable to other applications.

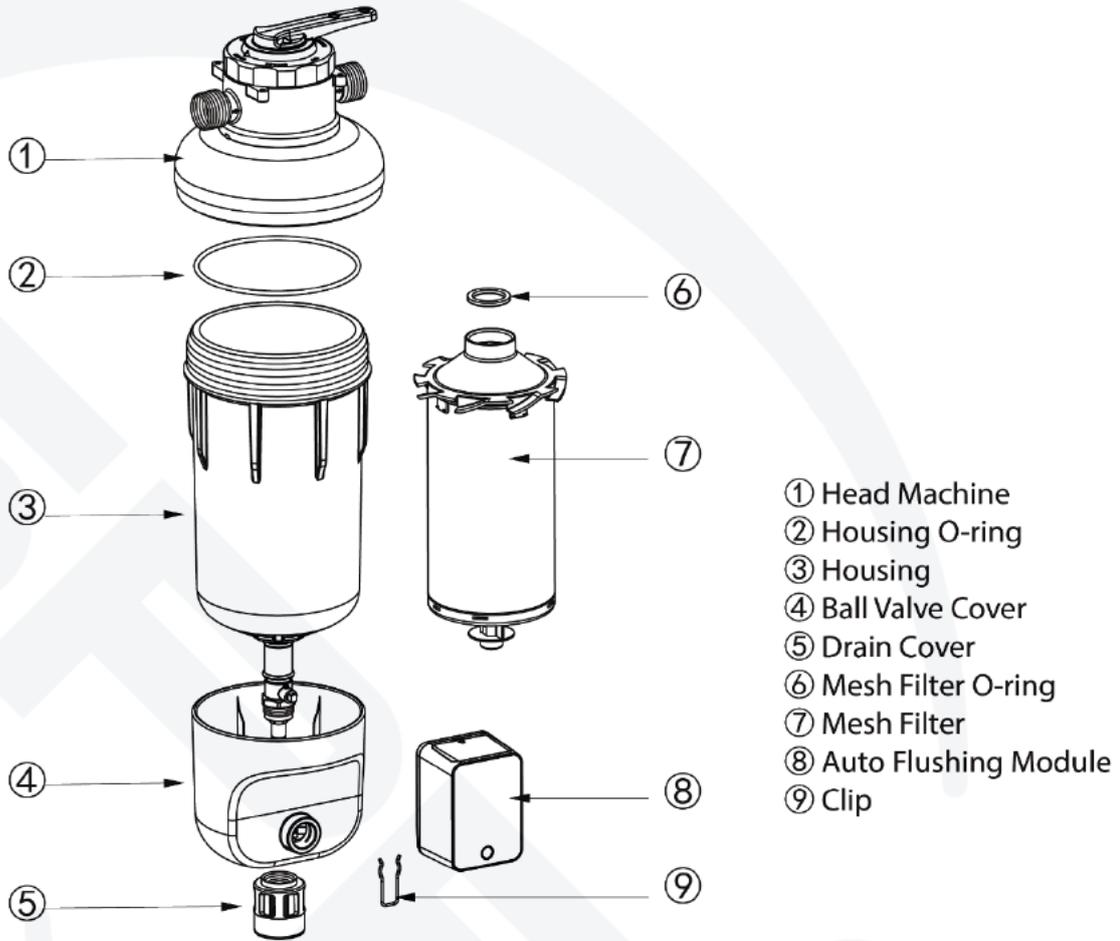
Product Specification

Model Name	WSP-J / WSP-ARJ
Flow Rate	up to 25 gal./min.
Feed Water Temperature	40 - 100°F
Connector Size	1" MNPT, 3/4" FNPT

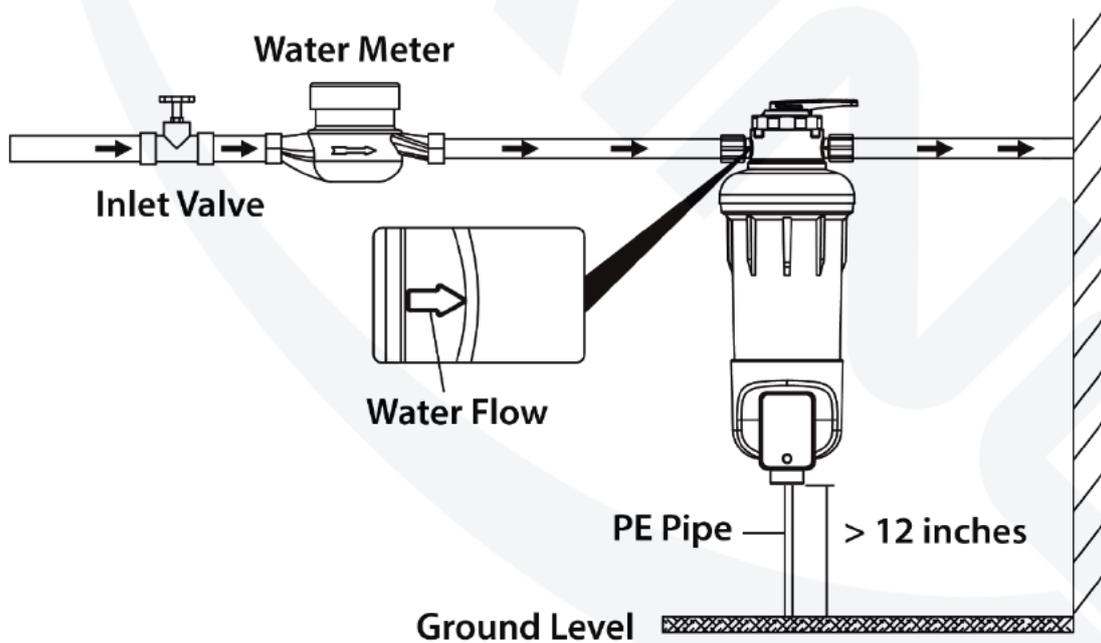
Auto Flushing Module Specification

Dimension	4.2 " (L) * 3 " (W) * 2.4" (D)
Power	Input: 100 – 240 V, Output: 5 V, 1 A or AA Battery*3
Temperature	40 - 100°F





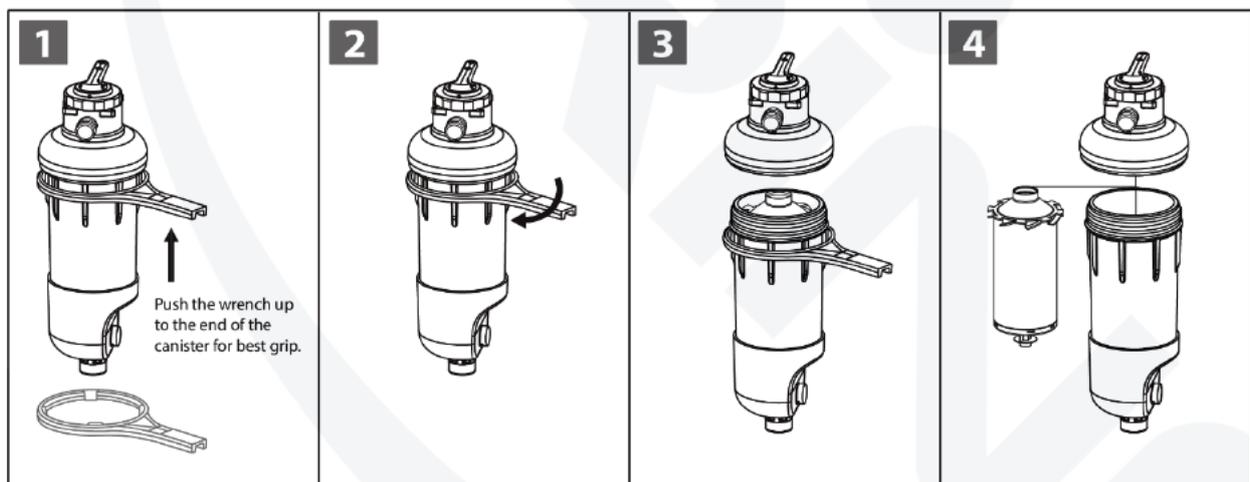
Installation



- A. Close the main inlet valve and drain the remaining water from the pipe.
- B. While installing, ensure that the direction of water flow marked on the valve body aligns with the direction of water flow in the pipeline.
- C. After installing the filter, the filter housing assembly must be kept upright.
- D. Check for any water leakage at the joints.

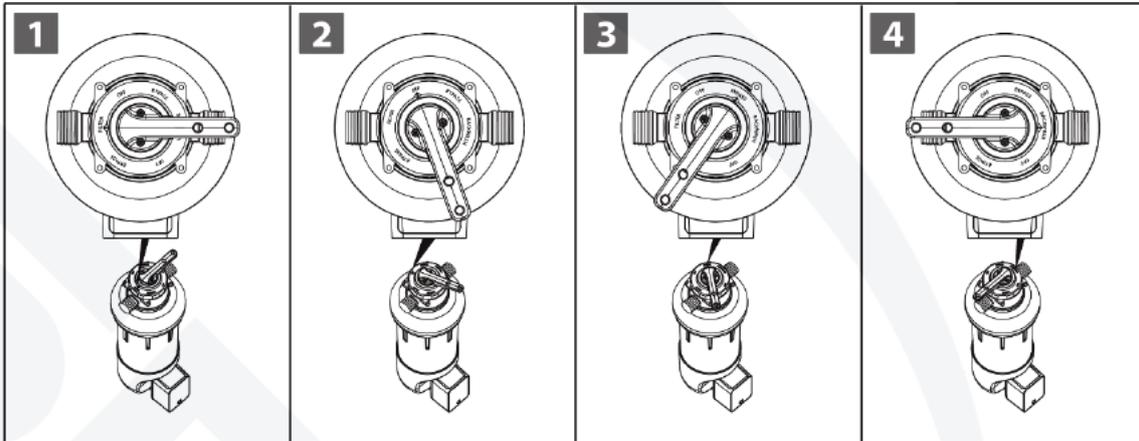
Note:

- This system is only suitable for 40 - 100 °F municipal tap water; please do not use it with wastewater and corrosive liquids.
- The unit comes with two types of threads on both ends: 1" MNPT and 3/4" FNPT, to fit in different plumbing sizes.
- During installation, ensure that the direction of water flow marked on the valve body is consistent with the flow direction of the pipeline.
- This product should not be installed outdoors. It should be located in a dry indoor environment away from direct sunlight, heat sources, fuel oils, and chemicals.
- Make sure to apply the plumber's tape evenly.
- When tightening the hex nut with a wrench, make sure that other parts are not turning with it.



Bypass Mode and Instructions

There are 3 different operating modes.



1. Filtration mode. As shown in figure 1, turn the handle and point to the "FILTER" position. The handle should align with the direction of the water flow. This mode should be used in normal day-to-day filtration operations.
2. Shut off mode. As shown in figure 2, turn the handle and point to the "OFF" position. This mode will shut off the water supply COMPLETELY.
3. Bypass mode. As shown in figure 3, turn the handle and point to the "BYPASS" position. This mode will NOT shut off the water supply; instead, it will redirect the water flow out of the filtration system. Under this mode, the filter cartridge can be serviced/replaced without interrupting the water supply.
4. Backwash mode. As shown in figure 4, turn the handle and point it to the "BACKWASH" position; the handle should point to the water inlet. Under this mode, the flow direction within the system will be reversed; open the drain valve to backwash the filter mesh for easier cleaning up/service.

Startup & Maintenance

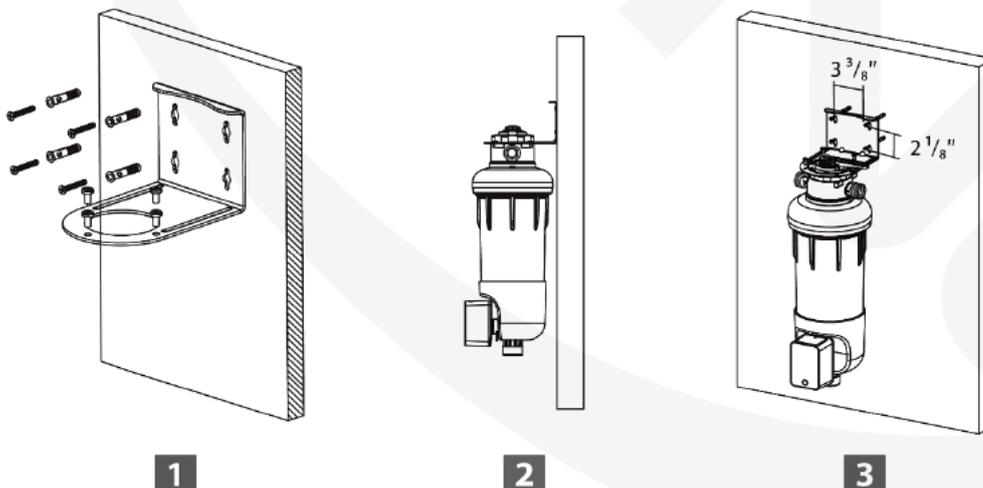
- After installation, open the inlet water main valve, turn the handle on the bypass valve and point to the "FILTER" position. The handle should align with the direction of the water flow to allow water to flow into the filter.
- Before flushing, ensure that there is a reliable drainage system. You can also flush the drain water into a suitable container.
- Turn the drain valve knob to flush the drain.
- Press the on/off button to turn the auto flushing module (optional) on, then press the "drain" button to flush the drain.
- We recommend flushing at least once a week for 30 seconds each time, depending on the incoming water quality.
- To clean the filter cartridge after being used continuously for 8-12 months, remove the stainless-steel filter mesh and clean it with a brush or soak it in vinegar. For the best result, we recommend replacing the filter cartridge.

We are committed to providing you with complete and reliable products and services. Please contact us immediately if you have any questions.

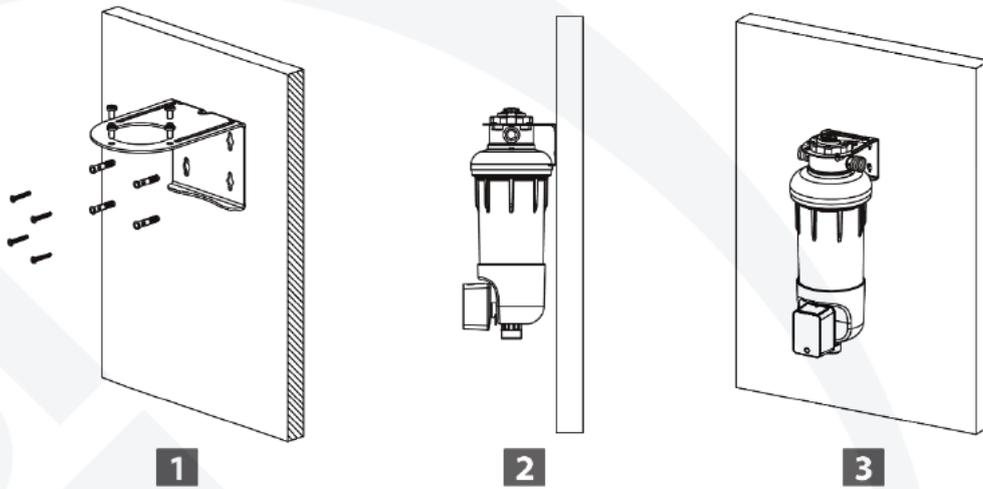
Product Mounting (Optional)

- A. Take the measurement and choose a proper location.
- B. Drill four 5/16" diameter holes on the wall based on the positioning of the bracket.
- C. Install the expansion anchors through the drilled holes.
- D. Mount the filter to the bracket with four mounting screws (Packing List part No. 9 on page 4) that came with the package. The bracket can be mounted either way, as shown below.

Method 1



Method 2



Troubleshooting

Issue	Possible Causes	Solutions
No water	The water source doesn't have water. The Inlet water valve isn't open.	Wait for the water to come back on. Open the inlet valve.
Low outlet flow	The inlet water valve isn't fully open. The surface of the filter is partially blocked.	Fully open the inlet valve. Flush the filter mesh to remove debris.
Water leakage at the joint	Filter parts have been disassembled. Loose parts at the leaking location. Not enough plumber's tape on the threads. O-rings at the leaking location are damaged.	Check to see if the seal is misaligned or missing. Retighten the threaded joint with a wrench. Reapply the plumber's tape and tighten. Replace O-rings.
No pressure values display	The pressure gauge is damaged. The inlet water valve isn't open.	Replace the pressure gauge. Open the inlet valve.

iSpring Standard Limited Warranty (End-Users Only)

In order to be eligible for this warranty, the end-user must register at www.123filter.com.

For all water filtration systems, and upon registration by the end-user, iSpring Water Systems, LLC (iSpring) warrants for a one year from the date of purchase that the product is free of defects in materials and workmanship and that it will function for the duration of the warranty according to its specifications (the "Limited Warranty"). EXCEPT FOR THIS LIMITED WARRANTY, ISPRING EXPRESSLY DISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING ANY WARRANTIES OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. iSpring has no liability for any defect or deterioration which results from the improper installation, service, repair or use of the product. End-user's sole and exclusive remedy for any breach of the Limited Warranty shall be repair or replacement, at iSpring's option and expense. This warranty is only provided to end-users and only applies to products purchased directly from an authorized iSpring dealer or reseller.

However, we do not have the order information from websites other than 123Filter.com (Amazon, Home Depot, etc.), so please be sure to fill in that information upon registration of your system. If you have any questions or concerns about your product, please do not hesitate to call or email us, or put it in the notes/comments upon your warranty registration. Your satisfaction is our business!

If you are happy with our products and service, please show your support by writing a product review on Amazon, even just a single line. It takes you just a minute but means a lot to us. Thank you!

Warranty Registration Form

Name _____

Order# _____

Email _____

Phone _____

Address _____

City _____

State _____

Zip Code _____

Model #/ Serial Number

Purchased at (e.g. Amazon, Home Depot)

iSpring Water Systems, LLC
2480 Industrial Park Blvd, Cumming, GA 30041
678-261-7611

Plumber's information (Optional)

To best serve our customers, we'd like to recommend good plumbers throughout the USA. If you are happy with your installer, please provide their information so that we can pass it on as a courtesy.

Thank you!

Name of the plumbing company used to install your system:

Phone #: (_____) - _____ or email : _____
of the technician.



Like our products?
Please show your support by writing a product review on the marketplace where you make your purchase. Even just a quick statement means a lot to us.

Thank you!

iSpringFilter.com



For questions, comments, or technical support, please contact us at:

✉ support@123filter.com

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Monday-Friday 8:30 a.m. - 5:30 p.m. EST

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