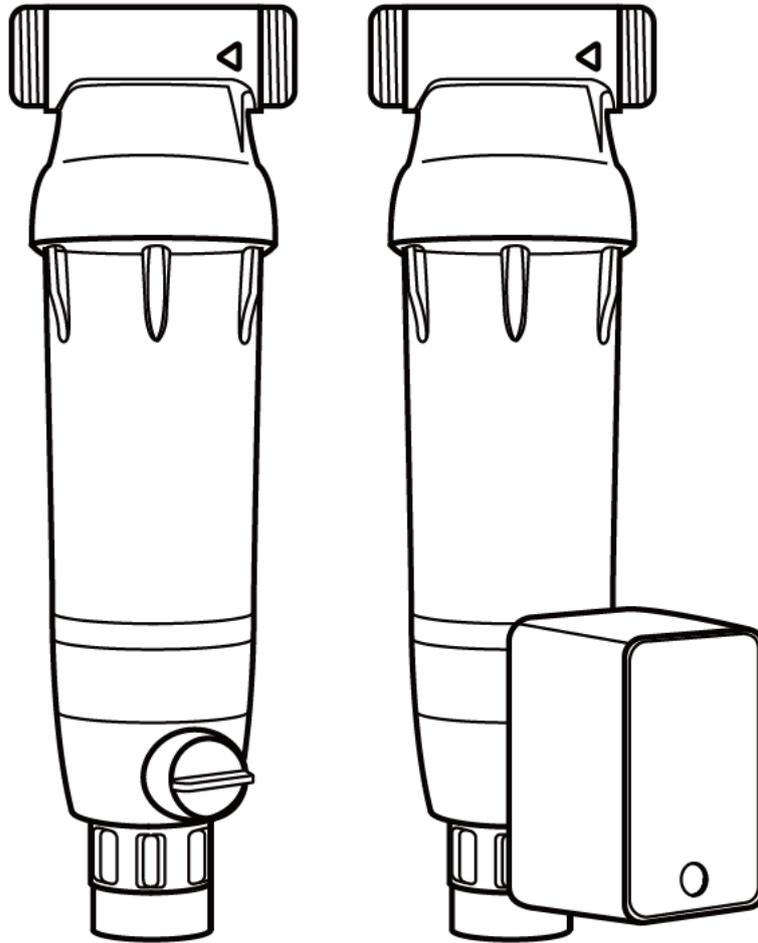


# WHOLE HOUSE

## iSpring Reusable Spin-down Sediment Water Filter with optional Auto Flushing Module



Model: WSP-B / WSP-ARB Series

## Installation Instructions & User Manual

Ver. 07/2022



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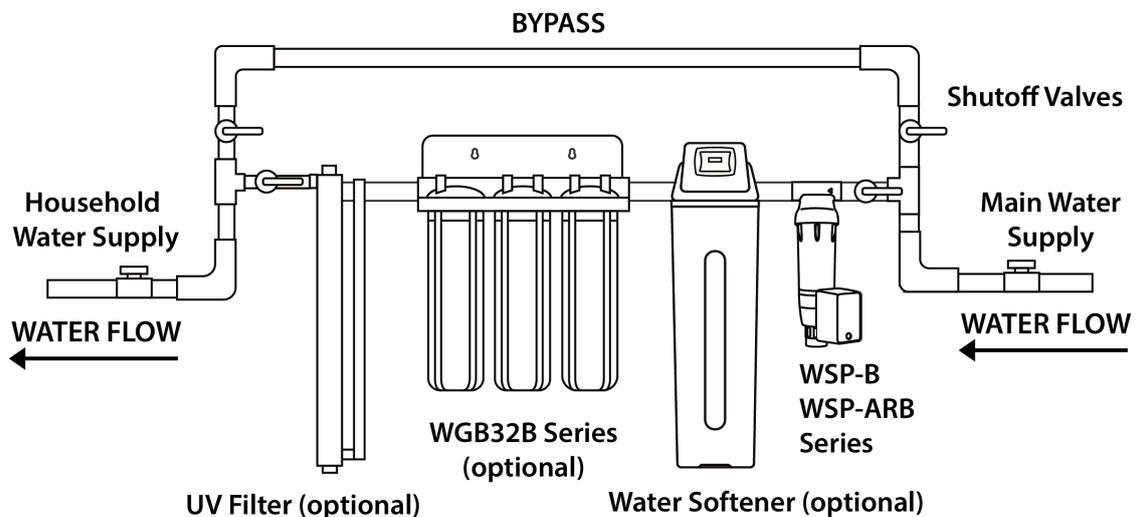
## Overview

iSpring WSP-ARB/WSP-B

Reusable Spin-down Sediment Water Filter with Scraper and Auto Flushing Module

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



### **Product Specification**

Model Name: WSP-ARB / WSP-B

Flow Rate: Up to 22 GPM

Feed Water Temperature: 40°F - 100°F

Connector Size: 1" MNPT, 3/4" FNPT, and

3/4" Push-fit (Optional)

### **Auto Flushing Module Specification**

Dimension: 4.2" (L) \* 3" (W) \* 2.4" (D)

Power: 100-240V 5V/1A or 3 \* AA Batteries

Temperature: 40°F - 100°F

## Product Features

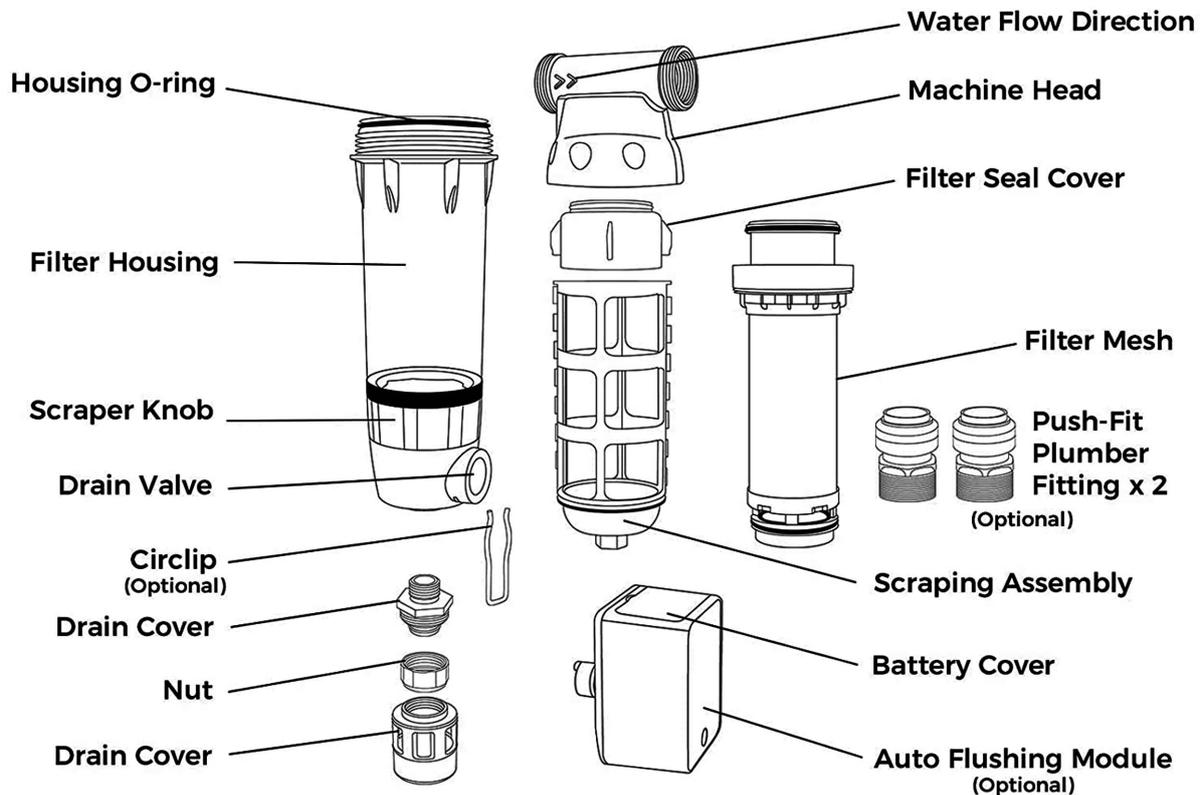
- The system is constructed with 316L food-grade stainless steel precision filter mesh.
- Integrated auto flushing module with a scraper that can trap all kinds of sediments without needing to remove the filter.
- Core components are made of materials that are pressure resistant.
- Explosion-proof transparent housing provides clear visibility and is intuitive and convenient to use.
- Cleaning features conveniently remove contaminant buildup from the filter housing with just a few turns of the scraper knob.
- Universal fittings are easily installed and adaptable to other applications.

## Installation & Maintenance Tips

- This system must be installed in a dry indoor environment away from heat sources.
- This system is only suitable for 40°F - 100 °F municipal tap water; please do not use it with wastewater and corrosive liquids.
- During installation, ensure that the direction of the water flow marked on the valve body is consistent with the flow direction of the pipeline.
- The installation location must provide reliable drainage.
- Depending on water quality, it is necessary to flush the filter screen at least once a month.
- Take care to protect the components during regular cleaning and maintenance.

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

## Parts Identification



### HOW TO INSTALL

To fit different plumbing sizes, the unit comes with two types of threads on both ends: **1" MNPT, 3/4" FNPT, and 3/4" Push-fit (optional)**

*Please pay attention to the flow direction indicated by the arrow.*

- Close the main inlet valve and drain the remaining water from the pipe.
- When installing, ensure that the direction of water flow marked on the valve body aligns with the direction of water flow in the pipeline.
- After installing the filter, the filter housing assembly must be kept upright.

### Apply plumber's tape

- PPR pipeline installation requires firm welding with special welding equipment.
- This product should not be installed outdoors. It should be located 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, ensure that other parts are not turning.
- After installing the filter, check for any water leakage at the joints.

## **Product Instructions**

- After installation, open the inlet water main valve 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 on the auto flushing module (optional), then press the "drain" button to flush the drain.
- Turn the scraper knob clockwise or counterclockwise 3 to 4 times while draining the water to clean the filter mesh.
- We recommend flushing at least once a week for 30 seconds, depending on the incoming water quality.
- To clean the filter cartridge after it has been used continuously for 8-12 months, remove the stainless steel filter mesh and clean it with a brush or soak it in vinegar. For best results, we recommend that it be professionally cleaned.

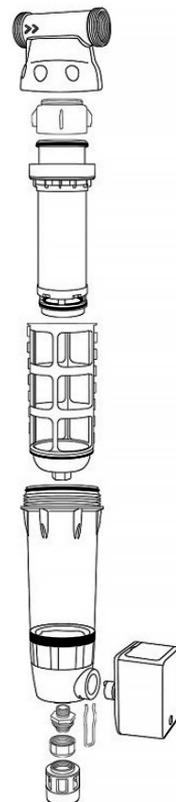
## **Disassembling the Filter Cartridge**

- Buildup on the filter mesh can affect water output. If routine scraping or rinsing doesn't remove the buildup, we recommend removing the filter assembly.
- To remove the filter assembly, unscrew the filter housing counterclockwise using the included wrench.
- Remove the filter assembly and clean the filter mesh.

**Note:** You do not need to remove the scraping assembly if you're only cleaning the filter assembly.

## **Installing the Scraping & Filter Assemblies**

- To insert the scraping assembly into the filter housing, place the quadrilateral hole with rounded corners into the hexagonal hole on the bottom of the filter housing, and insert it into the bottom.
- When installing the filter assembly, align the four "bumps" inside the scraper assembly with the four grooves on the upper filter housing, and insert them into the bottom.



## **Troubleshooting**

<b>Issue</b>	<b>Possible Causes</b>	<b>Solutions</b>
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 it. Replace O-rings.
Does not display pressure values	The pressure gauge is damaged. The inlet water valve isn't open.	Replace the pressure gauge. Open the inlet valve.

## **Customer Satisfaction & Warranty Registration**

**To register your product for the warranty, visit our website at [123filter.com](http://123filter.com) and go to the "Warranty" tab.**

We provide a 30-day money-back guarantee, a 1-year manufacturer warranty, and lifetime tech support for all our products. 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 them 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 just a minute, but it 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.



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

✉ [support@123filter.com](mailto:support@123filter.com)

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💬 (470) 560-0012

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