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› BTJCRLEB Robot Vacuum Water Change Kit Instruction Manual for J1 J2 Freo

BTJCRLEB J1 J2 Freo

BTJCRLEB Robot Vacuum Water Change Kit Instruction Manual

Compatible with Roborock S8 Pro Ultra / S7 Max (J1 J2 Freo)

1. INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your BTJCRLEB Robot Vacuum Water Change Kit. This kit is designed to enhance the functionality of compatible robot vacuum models by providing an automatic water refill and drain system, reducing manual intervention and improving cleaning efficiency.

2. PACKAGE CONTENTS

Before beginning installation, please ensure all components listed below are present in your package:

- Host Unit (Water Change Module)
- Water Splitter (1/2 inch to 1/4 inch)
- 2-point Pressure Reducing Valve
- 2-point Overflow Protection Switch
- Link Base Station Pipeline Kit
- 6-meter Pipe (diameter 6.5mm, shared for water intake and drainage)
- Water Pipe Single Pipe Fixing Clamps (2 units)
- Quick Connect of Water Pipe Bend (for turning)
- Check Valve (1/2 inch to 1/4 inch)
- Absorbent Cotton
- Waterproof Silicone Rubber Ring
- Tee Plug Cap
- Power Line
- Tube Cutter

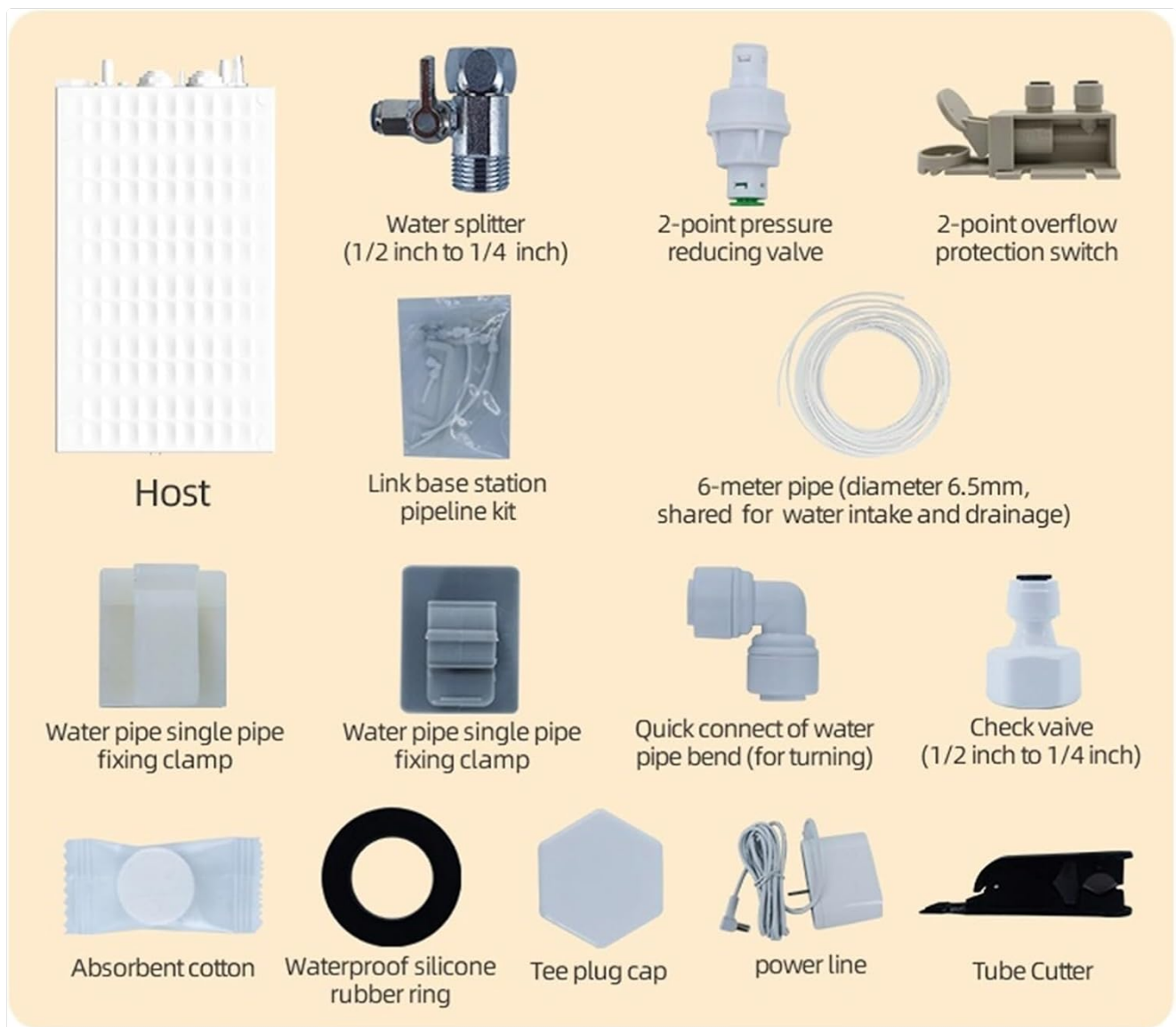


Figure 1: All components included in the BTJCRLEB Robot Vacuum Water Change Kit. This image displays the host unit, various connectors, tubing, and tools necessary for installation.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your water change kit. Follow these steps carefully:

3.1. Preparing the Robot Vacuum Base

The water change module integrates directly into the robot vacuum's base station. Ensure the base station is powered off and disconnected from any power source before proceeding.



Figure 2: An overview of the robot vacuum base station with the water change kit module integrated. The module replaces the standard water tanks.



Figure 3: Detailed internal view of the water change module, highlighting the various connection points for water supply, drainage, and cleanser.

3.2. Connecting to Water Supply and Drainage

The kit requires connection to both a clean water supply and a drainage point. The 6-meter pipe is used for both functions.

1. **Water Supply Connection:** Identify a suitable water tap (e.g., washing machine tap, toilet tap, or under-sink tap). Use the provided water splitter and check valve to connect the kit's water intake line to your chosen water source.
2. **Drainage Connection:** The drainage line should be routed to a suitable drain, such as a sink drain or floor drain. The kit includes an overflow protection switch for safety.
3. **Routing Pipes:** Carefully route the water supply and drainage pipes from the water change module to their respective connection points. Ensure pipes are not kinked or pinched. Use the provided pipe fixing clamps to secure the pipes and the tube cutter for precise length adjustments.

Common position of receiving water



Water tap of your washing machine

Use our threeway tap



Water tap of your washing machine(Siemens/Bosch)

Use a water separator



Water tap of your tolite

Use our three-way tap



Water tap below asink

Use our three-way tap

Figure 4: Various examples illustrating how to connect the water change kit to common household water sources, including washing machine taps, toilet taps, and under-sink taps, using the provided three-way tap or water separator.

3.3. Module Integration

Insert the water change module into the designated compartment of your robot vacuum's base station. Ensure it is seated firmly and all internal connections are secure. The module replaces the need for manual water tank refills and emptying.

View of the host machine

Well designed and Easy to understand

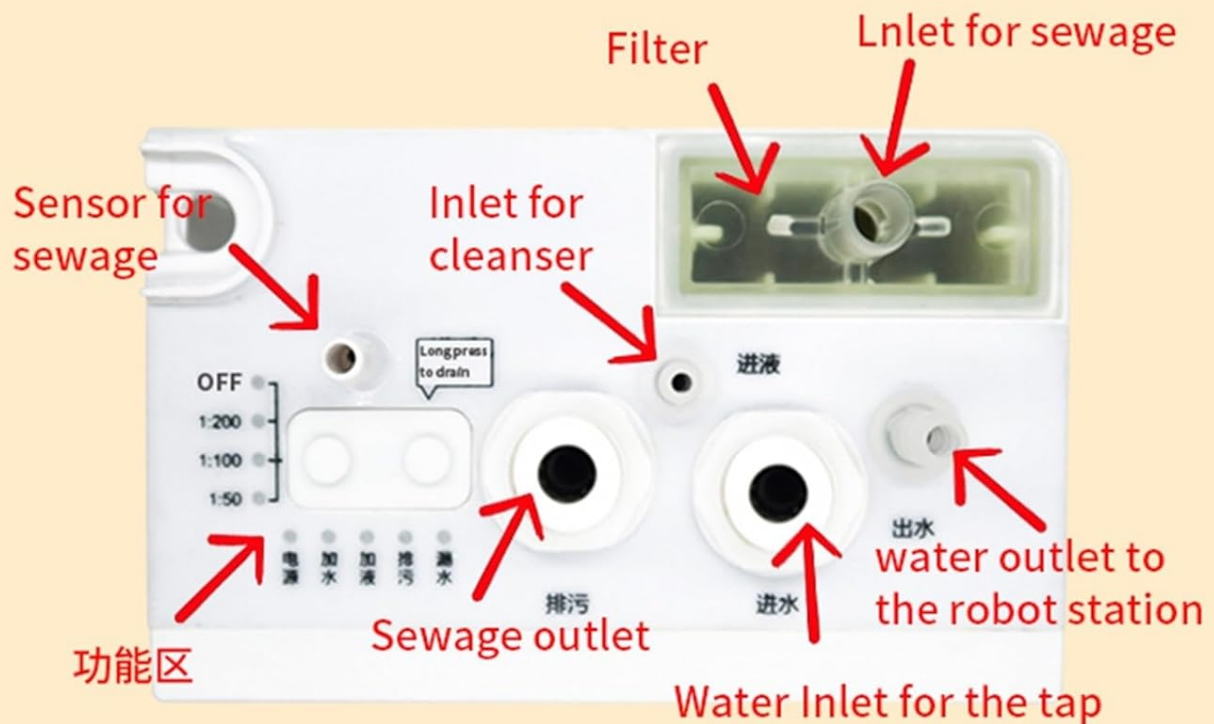


Figure 5: A close-up view of the host machine's interface, showing the filter, inlets for sewage and cleanser, sewage outlet, and water inlet for the tap. This provides a clear guide for connecting the various lines.

4. OPERATING THE WATER CHANGE KIT

Once installed, the water change kit operates automatically in conjunction with your robot vacuum's cleaning cycles.

4.1. Automatic Water Supply and Drainage

The kit provides a stabilized water supply to the robot vacuum for continuous cleaning and automatically drains dirty water, eliminating the need for manual water tank management.



Figure 6: A schematic diagram showing the automatic water supply, auto adding cleaner, and auto drain functionalities of the system. This setup removes the requirement for manual water tank handling.

4.2. Self-Test Function

To verify proper installation and functionality, utilize the self-test feature available through your robot vacuum's companion application. Navigate to the 'Device Maintenance' section within the app and select 'Automatic Water Supply and Drainage Self Test'. Follow the on-screen prompts to initiate the test. During the test, ensure the robot vacuum remains docked to its base station.

5. MAINTENANCE

The BTJCRLEB Water Change Kit is designed for simplified maintenance, contributing to the longevity and efficiency of your robot vacuum system.

- **Reduced Clogging:** The system is engineered to reduce clogging, ensuring a smoother operation.
- **Leak Prevention:** The kit features tight seals to minimize the risk of leaks, protecting your home environment.
- **Extended System Life:** By automating water management and reducing wear and tear on internal components, the kit helps extend the overall life of your robot vacuum.

Regularly inspect visible pipes and connections for any signs of wear or damage. Ensure the filter within the host unit (Figure 5) is clean and free of debris to maintain optimal performance.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your water change kit.

6.1. Common User Challenges Addressed by the Kit

The automatic water change kit is designed to resolve common inconveniences associated with manual robot vacuum maintenance:

- **Forgot to add water:** The automatic refill function ensures a continuous supply of clean water.
- **Forget to drain sewage:** The automatic drainage system handles dirty water disposal.
- **Dirty drain tank:** The system eliminates the need for a separate, frequently cleaned dirty water tank.
- **Frequent water changes:** Automation significantly reduces the frequency of manual water handling.

Do you have the following troubles



Forgot to add water



Forget the sewage



Dirty drain tank



Frequent water changes

Figure 7: Visual representation of common issues faced by users, such as forgetting to add water, neglecting sewage drainage,

dealing with dirty drain tanks, and the burden of frequent water changes. The BTJCRLEB kit aims to mitigate these problems.

6.2. Water Flow Issues

If the robot vacuum is not receiving or draining water correctly:

- **Check Connections:** Verify that all water lines are securely connected to the water source, drainage, and the water change module. Ensure no lines are kinked or blocked.
- **Water Supply Valve:** Confirm that the water supply valve to which the kit is connected is fully open.
- **Run Self-Test:** Use the 'Automatic Water Supply and Drainage Self Test' in the companion app to diagnose potential issues.

7. SPECIFICATIONS

Feature	Specification
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces
Number of Pieces	1 (referring to the main module, kit includes multiple components)
Assembly Required	No (referring to the module itself, but installation of the kit requires assembly)
Manufacturer	ronglan

8. WARRANTY AND SUPPORT

For warranty information, technical support, or if you require special sizes for water distributors or adapters, please contact the manufacturer, BTJCRLEB, or your retailer. Refer to your purchase documentation for specific warranty terms and contact details.