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- › [BLACK+DECKER](#) /
- › [BLACK+DECKER Smart Wi-Fi Valve Controller User Manual](#)

BLACK+DECKER Smart Wi-Fi Valve Controller (B0F5BDP4WS)

BLACK+DECKER Smart Wi-Fi Valve Controller

Model: B0F5BDP4WS

INTRODUCTION

The BLACK+DECKER Smart Wi-Fi Valve Controller provides intelligent control over your home's water supply. This device allows for remote operation of your main water valve, offering enhanced security and water damage prevention. It can be integrated with other smart home devices, such as water leak sensors, for automated responses to potential leaks.

SAFETY INFORMATION

Please read all safety instructions before installation and operation. Failure to follow these instructions may result in property damage, injury, or improper device function.

- Ensure the main water supply is turned off before attempting installation to prevent water leaks.
- Only use the provided power adapter. Using an incorrect power supply may damage the device or pose a fire hazard.
- Install the device in a location protected from direct weather exposure unless specifically rated for outdoor use.
- Keep the device and its components out of reach of children.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

PACKAGE CONTENTS

Verify that all items are present in your package:

- BLACK+DECKER Smart Wi-Fi Valve Controller Unit
- Power Adapter (DC 12V/1A)
- Mounting Bracket and Screws
- Pipe Clamp
- Allen Wrench with Phillips End
- User Manual (this document)



Image: Components of the Smart Valve Controller, including the main unit, power adapter, and pipe clamp.

SETUP

1. Physical Installation

1. **Identify Valve:** Locate your main water shut-off valve. Ensure it is a quarter-turn ball valve.
2. **Turn Off Water:** Before proceeding, turn off the main water supply manually.
3. **Attach Mounting Bracket:** Secure the mounting bracket to the valve controller unit using the provided screws.
4. **Position Controller:** Place the valve controller over your existing water valve. Ensure the controller's arm aligns with the valve handle.
5. **Secure with Clamp:** Use the pipe clamp to firmly attach the controller to the water pipe. Adjust the handle bracket to fit your valve handle size, ensuring the device can fully open and close the valve.
6. **Connect Power:** Plug the power adapter into the controller and then into a standard electrical outlet.



Image: The Smart Valve Controller installed on a water pipe, demonstrating its physical attachment.

2. App Installation and Pairing

1. **Download App:** Download the BLACK+DECKER Home app from the Apple App Store or Google Play Store.
2. **Create Account:** Open the app and create a new account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add your Smart Wi-Fi Valve Controller. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network during the pairing process.
4. **Confirm Connection:** Once paired, the app will confirm the device is connected and ready for use.



Image: The BLACK+DECKER Home App icon, available on app stores.

OPERATING THE VALVE CONTROLLER

1. Manual Control

The valve controller has a manual override button (power button) on the unit. Pressing this button will toggle the valve between open and closed positions. Observe the valve's movement to confirm its state.

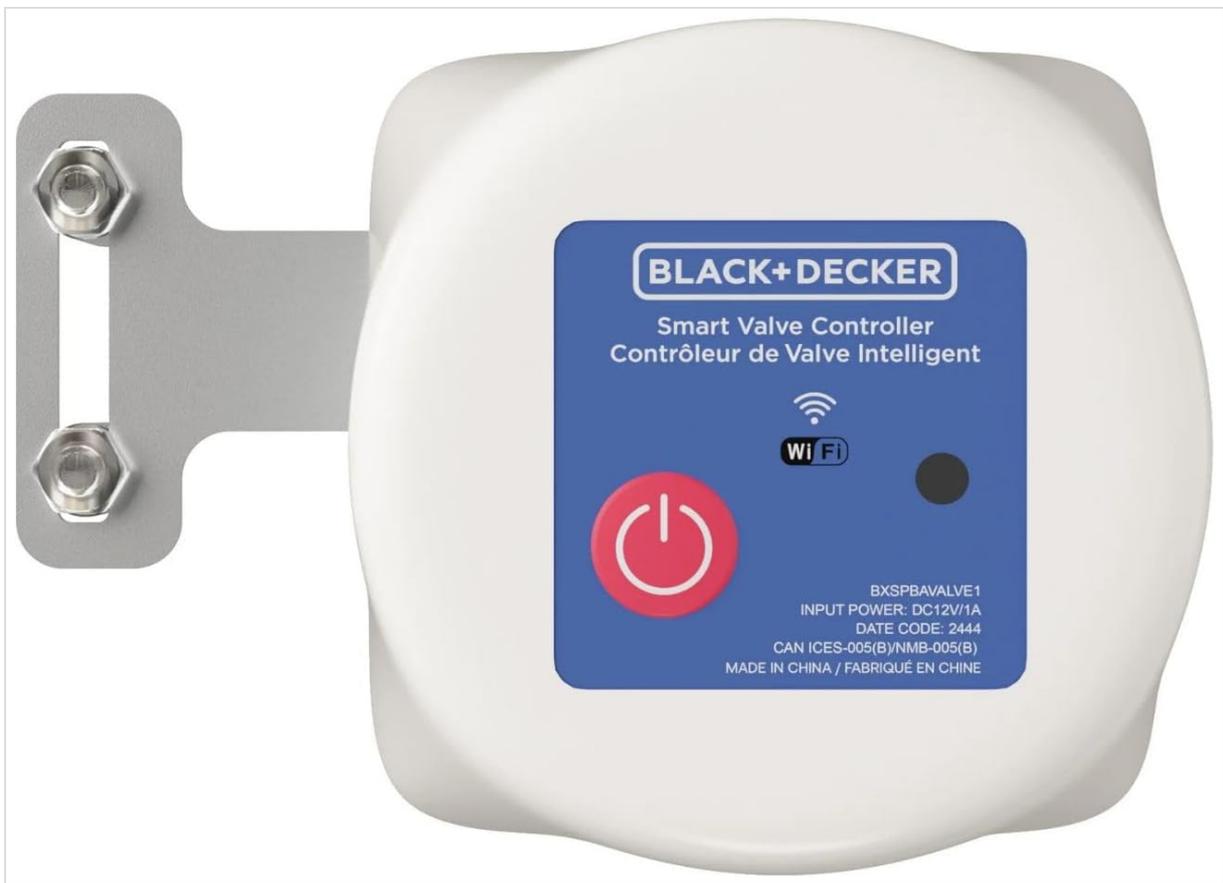


Image: Front view of the BLACK+DECKER Smart Valve Controller, showing the power button.

2. App Control

Use the BLACK+DECKER Home app for remote control and advanced features:

- **Open/Close:** Tap the virtual button in the app to open or close the water valve from anywhere.
- **Scheduling:** Set up schedules for automatic opening and closing of the valve at specific times. This is useful for irrigation or vacation modes.
- **Automation:** Integrate with other smart devices, such as BLACK+DECKER water leak sensors. Configure rules for the valve to automatically shut off when a leak is detected.



Image: App screenshot demonstrating timing control settings for the valve.

3. Voice Control

The BLACK+DECKER Smart Wi-Fi Valve Controller is compatible with popular voice assistants. Once integrated, you can use voice commands to control your valve. Refer to the app's integration section for

specific instructions on connecting to your preferred voice assistant.



Image: Icon representing hands-free voice control capability.

4. Product Overview Video

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Video: Official product video demonstrating the BLACK+DECKER Smart Valve Controller and its integration with a water leak sensor for automatic water shut-off.

MAINTENANCE

- **Cleaning:** Wipe the exterior of the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Power Connection:** Periodically check the power adapter and cable for any signs of damage. Ensure a secure connection to the power outlet.
- **Valve Operation:** Manually test the valve's open and close function every few months to ensure smooth operation.
- **Firmware Updates:** Keep the device firmware updated through the BLACK+DECKER Home app to ensure optimal performance and access to new features.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on	Power adapter unplugged or faulty; power outlet not working.	Check power connections. Try a different outlet. Ensure the power adapter is functioning.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; device too far from router; 5GHz network selected.	Ensure correct 2.4GHz Wi-Fi network and password. Move device closer to router. Restart router.
Valve not opening/closing fully	Improper installation; valve too stiff; obstruction.	Re-check installation and adjust the clamp/bracket. Ensure the valve handle moves freely. Lubricate the valve if necessary.
App shows device offline	Wi-Fi connection lost; internet outage.	Check your home Wi-Fi and internet connection. Restart the valve controller by unplugging and re-plugging it.

SPECIFICATIONS

- **Model:** B0F5BDP4WS
- **Brand:** BLACK+DECKER
- **Power Input:** DC 12V/1A
- **Connectivity:** Wi-Fi (2.4GHz only)

- **Material:** Plastic
- **Item Weight:** 1.14 pounds
- **Package Dimensions:** 7.01 x 4.76 x 3.5 inches
- **Smart Home Compatibility:** Smart Home Compatible (via app and voice assistants)
- **UPC:** 050875273481

WARRANTY

This BLACK+DECKER product is covered by a limited manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official BLACK+DECKER website. Keep your purchase receipt as proof of purchase.

SUPPORT

If you encounter any issues or have questions regarding your BLACK+DECKER Smart Wi-Fi Valve Controller, please contact customer support:

- **Online Support:** Visit the BLACK+DECKER support page on their official website.
- **Phone Support:** Refer to your product packaging or the BLACK+DECKER website for regional customer service contact numbers.