

## Samsung DC62-30314V

# Samsung DC62-30314V Washer Cold Water Inlet Valve Instruction Manual

## 1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of the Samsung DC62-30314V Washer Cold Water Inlet Valve. This is a genuine Original Equipment Manufacturer (OEM) part designed to ensure optimal performance and longevity of your Samsung washing machine. Please read this manual thoroughly before proceeding with any installation or maintenance.

## 2. SAFETY INFORMATION

**WARNING: Disconnect power to the washing machine before attempting any repairs or installation. Failure to do so may result in electric shock, injury, or death.**

- Always wear appropriate personal protective equipment (PPE), such as gloves and safety glasses.
- Turn off the water supply to the washing machine before beginning work.
- If you are unsure about any step, it is highly recommended to consult a qualified appliance service professional.
- Ensure all connections are secure and leak-free after installation.

## 3. PRODUCT OVERVIEW

The Samsung DC62-30314V Washer Cold Water Inlet Valve is a critical component that controls the flow of cold water into your washing machine. It is designed to meet Samsung's quality standards for excellent performance.

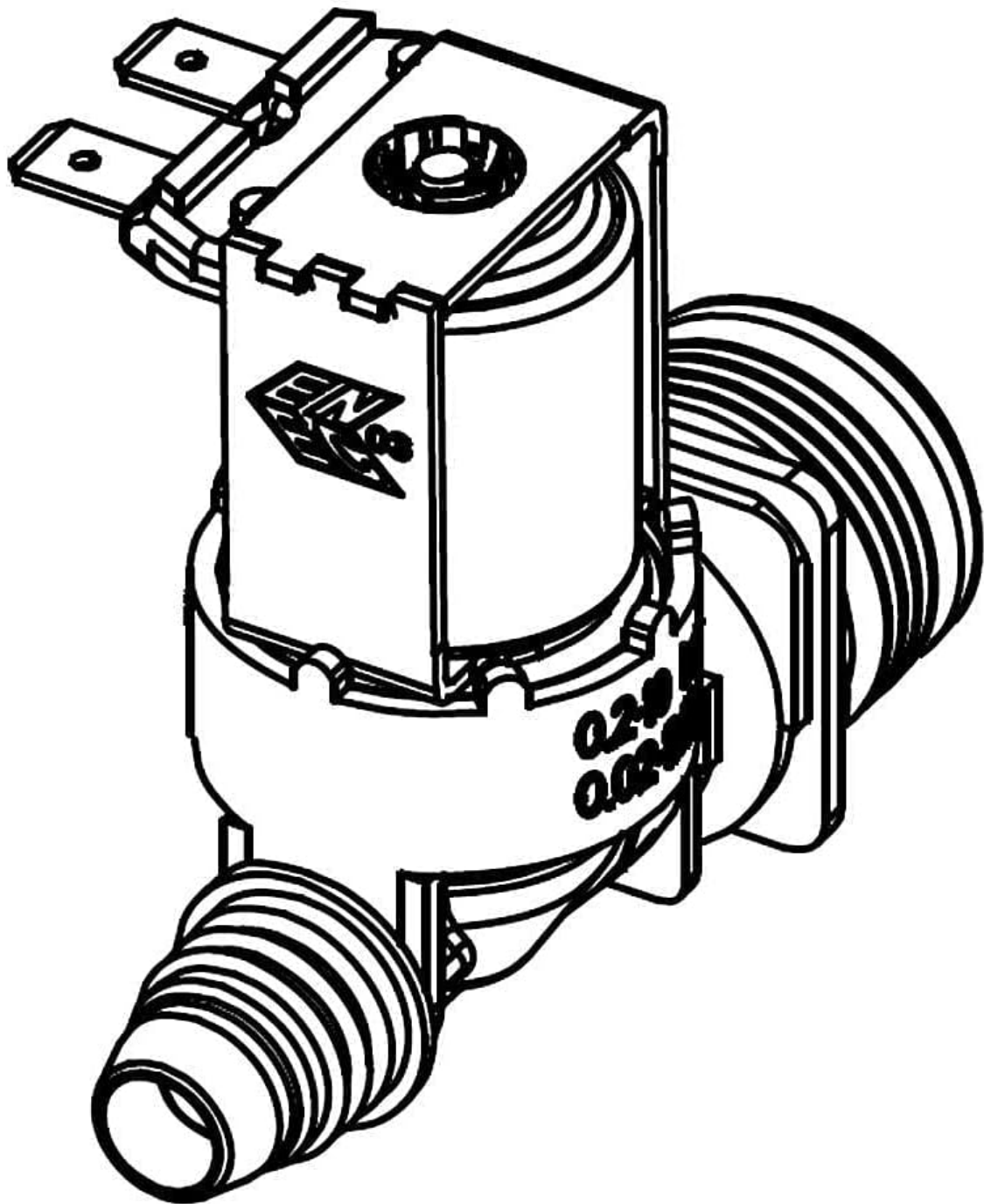


Figure 1: Technical drawing illustrating the Samsung DC62-30314V cold water inlet valve with its components.



Figure 2: A direct view of the Samsung DC62-30314V cold water inlet valve, highlighting its physical appearance. This valve features robust construction and is quality tested to ensure reliable operation within your appliance.

#### 4. COMPATIBILITY

The Samsung DC62-30314V Washer Cold Water Inlet Valve is compatible with various Samsung brand washing machine models. It is crucial to verify that this part number matches the requirements

of your specific appliance model before purchase and installation.



# Does your part fit?

Many replacement parts look the same **but won't fit your model.**

**Don't be fooled!**

Check your model number **before** you buy.

Figure 3: Important reminder to always check your appliance's model number to ensure part compatibility. Refer to your appliance's service manual or contact Samsung customer support to confirm the correct part number for your washing machine.

## 5. INSTALLATION

Replacing a water inlet valve requires careful attention to detail. If you are not comfortable performing this repair, please seek assistance from a certified technician.

### General Installation Steps (Consult your appliance's service manual for specific instructions):

1. **Disconnect Power and Water:** Unplug the washing machine from the electrical outlet and turn off both the hot and cold water supply valves.
2. **Access the Valve:** Depending on your washer model, you may need to remove the back panel or top panel to access the water inlet valve.
3. **Disconnect Hoses and Wiring:** Carefully disconnect the water inlet hoses from the old valve. Label and disconnect the electrical wiring connected to the valve solenoids.

4. **Remove Old Valve:** Unmount the old water inlet valve from its housing.
5. **Install New Valve:** Mount the new Samsung DC62-30314V valve in the same position as the old one.
6. **Reconnect Wiring and Hoses:** Reconnect the electrical wiring to the new valve, ensuring correct connections. Attach the water inlet hoses, tightening them securely but without overtightening.
7. **Restore Power and Water:** Turn on the water supply and check for any leaks. Plug the washing machine back into the electrical outlet.
8. **Test Operation:** Run a short wash cycle to ensure the valve is functioning correctly and there are no leaks.

### Installation Assistance Videos:

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Video 1: This video provides a general overview of a 2-pack water inlet valve kit, demonstrating its components and potential applications. While not specific to the Samsung DC62-30314V, it offers visual context for similar parts.

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Video 2: A demonstration focusing on the DC62-00311F and DC62-30314V washer water valves, showing their features and how they might be handled during replacement.

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Video 3: This video illustrates the components and assembly of a washing machine water inlet valve, including the DC62-00311F and DC62-30314V models, providing visual guidance for handling the part.

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Video 4: A detailed look at an inlet valve for both cold and hot water, showcasing its design and how it integrates into a washing machine system. This can be helpful for understanding the general structure.

## 6. OPERATION

The DC62-30314V Cold Water Inlet Valve operates automatically in response to signals from the washing machine's control board. When a wash cycle requires cold water, the control board energizes the solenoid within the valve, opening it to allow water to flow into the tub. Once the required water level or temperature is reached, the solenoid de-energizes, closing the valve and stopping the water flow.

## 7. MAINTENANCE

As an internal component, the water inlet valve typically requires minimal maintenance. However, periodic checks can help ensure its proper function:

- **Inspect for Leaks:** Regularly check the area around the water inlet valve and hoses for any signs of water leakage.
- **Check Inlet Screens:** Most water inlet valves have small screens at the hose connections to filter out sediment. If water flow is reduced, these screens may need to be cleaned. Turn off water, disconnect hoses, and carefully remove and clean the screens.
- **Listen for Abnormal Noises:** Unusual buzzing or humming sounds during water fill could indicate a failing solenoid.

## 8. TROUBLESHOOTING

If your washing machine is experiencing issues related to water intake, the water inlet valve may be a contributing factor. Here are some common problems and potential causes:

- **No Water Entering Washer:** Check if water supply is on, hoses are kinked, or inlet screens are clogged. The valve's solenoid might be faulty.
- **Slow Water Fill:** Clogged inlet screens or a partially failing valve solenoid can restrict water flow.
- **Continuous Water Fill (Washer Overfills):** This indicates the valve is not closing properly, likely due to a faulty solenoid or debris preventing it from sealing.
- **Water Leaks:** Leaks can occur from loose hose connections, cracked valve housing, or a faulty internal seal within the valve.
- **Abnormal Noise During Water Inlet:** A loud buzzing or humming sound during water fill often points to a failing solenoid.

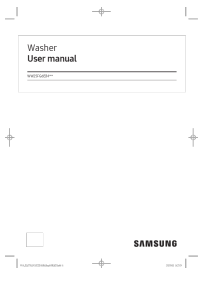

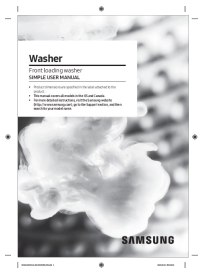

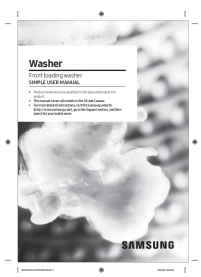

For detailed diagnostic steps, refer to your washing machine's specific service manual or contact a professional technician.

## 9. SPECIFICATIONS

Feature	Detail
Part Number	DC62-30314V
Brand	Samsung
Item Weight	8 ounces
Product Dimensions	4.02 x 3.31 x 2.13 inches
Included Components	Single Samsung DC62-30314V Washer Cold Water Inlet Valve

## 10. WARRANTY AND SUPPORT

As a genuine Original Equipment Manufacturer (OEM) part, the Samsung DC62-30314V Washer Cold Water Inlet Valve is manufactured to the highest standards. For specific warranty information, please refer to the documentation provided with your original appliance or contact Samsung customer support directly. For technical assistance or to locate a certified service professional, visit the official Samsung support website or contact their customer service line.

	<p><a href="#">Samsung WW25FG6B34** Washer User Manual</a></p> <p>This official user manual for the Samsung WW25FG6B34** (WW25FG6B34BBAC) 2.9 Cu.Ft. 6000 Series Compact Front Load Washer provides comprehensive guidance on installation, operation, maintenance, safety, and troubleshooting. Learn to use your Samsung washing machine efficiently and safely. Visit <a href="http://samsung.com">samsung.com</a> for support.</p>
	<p><a href="#">Samsung VRT™ Washer User Manual: Setup, Features, and Care</a></p> <p>Comprehensive user manual for the Samsung VRT™ washer, covering installation, operation, features like VRT™ technology and Deep Steam, cleaning, maintenance, troubleshooting, and warranty information for models WF350AN* and WF340AN*.</p>
	<p><a href="#">Samsung Front Load Washer Simple User Manual</a></p> <p>This user manual provides essential information for the safe installation, operation, maintenance, and troubleshooting of Samsung front-loading washers. It covers important safety precautions, installation requirements, operational guidance, maintenance tips, and solutions for common issues. For detailed instructions and model-specific information, users are directed to the Samsung website.</p>
	<p><a href="#">Samsung flexwash™ WV60M9900A* Dual Washer User Manual</a></p> <p>Comprehensive user manual for the Samsung flexwash™ WV60M9900A* dual loading washer, covering installation, operation, safety, maintenance, and troubleshooting for optimal appliance use.</p>
	<p><a href="#">Samsung Front Loading Washer User Manual</a></p> <p>Comprehensive user manual for Samsung front loading washers, covering safety, installation, operation, troubleshooting, and warranty information for models like WF53BB8900AD and WF50BG8300AV.</p>
	<p><a href="#">Samsung WD12FB7B34GBTL Washer Dryer Combo User Manual - Installation, Operation, and Maintenance Guide</a></p> <p>Comprehensive user manual for the Samsung WD12FB7B34GBTL Washer Dryer Combo. Includes installation instructions, operation guide, maintenance tips, troubleshooting solutions, and product specifications. Learn how to use your Samsung washing machine safely and efficiently.</p>