

## Zurn Z812B4-XL

# Zurn Z812B4-XL AquaSpec Gooseneck Faucet Instruction Manual



## 1. PRODUCT OVERVIEW

The Zurn Z812B4-XL AquaSpec Gooseneck Faucet is a durable and efficient fixture designed for commercial washrooms. This faucet features a 4-inch centerset design with a 5 3/8-inch gooseneck spout and 4-inch wrist blade handles. Constructed from lead-free cast brass with a polished chrome finish, it is built for longevity and compliance with water safety standards.

Key features include:

- **Model:** Z812B4-XL
- **Design:** 4-inch centerset, deck mount
- **Spout:** 5 3/8-inch stationary or swinging gooseneck
- **Aerator:** Standard 2.2 GPM pressure-compensating, with options for 0.35 gpm to 2.2 gpm
- **Handles:** Two 4-inch wrist blade handles, vandal-resistant and color-coded (hot/cold)
- **Material:** Lead-free cast brass body
- **Finish:** Polished chrome-plated
- **Cartridge:** Heavy-duty quarter-turn ceramic disc
- **Compliance:** ADA compliant, complies with Safe Water Drinking Act



Figure 1: Main view of the Zurn Z812B4-XL AquaSpec Gooseneck Faucet with chrome finish and wrist blade handles.

## 2. SETUP AND INSTALLATION

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### 2.1. Before You Begin

- Ensure all necessary components are present: faucet body, handles, aerator, mounting hardware, and water supply lines.

- Turn off the main water supply to the installation area.
- Clear the work area and ensure adequate lighting.
- Gather necessary tools: adjustable wrench, plumber's putty or silicone sealant, screwdriver, flashlight, and safety glasses.

## 2.2. Installation Steps

1. **Prepare the Sink/Deck:** Clean the faucet mounting holes on the sink or countertop. Apply a thin bead of plumber's putty or silicone sealant around the base of the faucet body where it will contact the sink.
2. **Mount the Faucet:** Insert the faucet body through the mounting holes from above the sink. From underneath, secure the faucet using the provided washers and mounting nuts. Hand-tighten first, then use an adjustable wrench to snug them, ensuring the faucet is straight. Do not overtighten.
3. **Connect Water Supply Lines:** Attach the hot and cold water supply lines to the corresponding inlets on the faucet body. Ensure a tight, leak-free connection. Connect the other ends of the supply lines to the hot and cold water shut-off valves.
4. **Install Handles:** Place the wrist blade handles onto their respective stems. Secure them with the provided screws, ensuring they are properly aligned and functional.
5. **Install Aerator:** Ensure the aerator is securely threaded onto the end of the gooseneck spout.
6. **Test for Leaks:** Slowly turn on the main water supply. Check all connections for leaks. Run both hot and cold water through the faucet for a few minutes to flush out any debris.



Figure 2: Front view of the faucet, illustrating the wrist blade handles and gooseneck spout for connection reference.

### 3. OPERATING INSTRUCTIONS

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The Zurn Z812B4-XL faucet is designed for simple and reliable operation.

- **Turning On/Off:** Rotate the wrist blade handles to turn the water on or off. The left handle typically controls hot water (indicated by a red color code), and the right handle controls cold water (indicated by a blue color code).
- **Adjusting Temperature:** Mix hot and cold water by adjusting the rotation of both handles simultaneously until the desired temperature is achieved.
- **Water Flow:** The faucet is equipped with a 2.2 GPM pressure-compensating aerator, ensuring a consistent flow rate regardless of water pressure fluctuations.

### 4. MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your Zurn Z812B4-XL faucet.

### 4.1. Cleaning the Faucet

- Clean the chrome finish regularly with a soft cloth and mild soap and water.
- Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots.

### 4.2. Aerator Maintenance

- If water flow decreases or becomes erratic, the aerator may be clogged with debris.
- Unscrew the aerator from the spout by hand or with an aerator wrench.
- Disassemble the aerator and rinse all components under running water. Use a small brush to remove any mineral deposits or particles.
- Reassemble the aerator and screw it back onto the spout.

### 4.3. Cartridge Maintenance

The ceramic disc cartridge is designed for up to one million cycles and is covered by a limited lifetime warranty. In the event of a persistent drip or leak from the spout, the cartridge may need inspection or replacement. Consult a qualified plumber or Zurn customer support for assistance.

## 5. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Low water flow	Clogged aerator; partially closed shut-off valves; debris in water lines.	Clean the aerator (see Section 4.2). Ensure shut-off valves are fully open. Flush water lines.
Faucet drips from spout	Worn or damaged ceramic disc cartridge.	Contact Zurn customer support or a qualified plumber for cartridge inspection/replacement.
Leak at base of faucet	Loose mounting nuts; improper sealant application.	Tighten mounting nuts (do not overtighten). Reapply plumber's putty or silicone sealant if necessary.
Leak at handle base	Loose packing nut or worn O-rings within the handle assembly.	Tighten packing nut. If leak persists, O-rings or cartridge may need replacement. Consult a professional.

## 6. SPECIFICATIONS

Model Number	Z812B4-XL
Brand	Zurn
Material	Lead-free Cast Brass
Finish Type	Polished Chrome
Mounting Type	Deck Mount
Number of Handles	2 (Wrist Blade)
Hole Count	3

Spout Reach	5 3/8 inches
Flow Rate	2.2 GPM (standard), adjustable options from 0.35 GPM to 2.2 GPM
Cartridge Type	Quarter-turn Ceramic Disc
Special Features	Lead Free, Water Saving, ADA Compliant, Vandal-Resistant



Figure 3: Side view of the faucet, showing the gooseneck spout and handle profile.

## 7. WARRANTY AND SUPPORT

### 7.1. Warranty Information

- **Limited Faucet Warranty:** The Zurn Z812B4-XL faucet is covered by a 3-year limited warranty.
- **Ceramic Disc Cartridge Warranty:** The ceramic disc cartridge is backed by a limited lifetime warranty, reflecting its durability and reliability.

Please retain your proof of purchase for warranty claims.



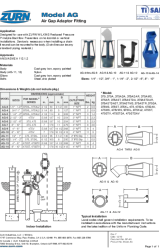

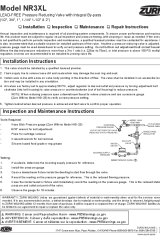
7.2. Customer Support


For technical assistance, warranty inquiries, or replacement parts, please contact Zurn customer support. Refer to the official Zurn website or product packaging for the most current contact information.

Online Resources: [www.zurn.com](http://www.zurn.com)




Related Documents - Z812B4-XL

	<p><a href="#">Zurn AquaSense Z6936 Battery Powered Sensor Faucet Installation, Operation, and Maintenance Manual</a></p> <p>Comprehensive manual for the Zurn AquaSense Z6936 battery-powered sensor faucet, covering installation, operation, maintenance, troubleshooting, and specifications. Designed for commercial restrooms.</p>
	<p><a href="#">ZURN AquaSense® ZG6913 &amp; ZG6915 Series Sensor-Operated Faucets: Installation, Operation, Maintenance, and Parts Manual</a></p> <p>Comprehensive guide for ZURN AquaSense® ZG6913 and ZG6915 sensor-operated faucets, covering installation, operation, maintenance, troubleshooting, and parts. Features battery-powered, hardwired, and connected options.</p>
	<p><a href="#">ZURN Model AG Air Gap Adaptor Fitting</a></p> <p>The ZURN Model AG Air Gap Adaptor Fitting is designed for use with ZURN WILKINS Reduced Pressure Principle Backflow Preventers, ensuring proper drain line installation on horizontal or vertical systems. This document details its specifications, materials, and typical installation requirements.</p>
	<p><a href="#">Zurn Wilkins ZW209FP Pressure Reducing Valve Assembly: Installation, Operation, and Maintenance</a></p> <p>Comprehensive guide to the Zurn Wilkins ZW209FP fire protection pressure reducing valve assembly, covering installation, start-up, operation, flow characteristics, and maintenance procedures. Includes detailed instructions for main valve and PV-PRD pilot valve.</p>
	<p><a href="#">Zurn NR3XL Lead-Free Pressure Reducing Valve: Installation, Maintenance, and Repair Guide</a></p> <p>Comprehensive guide for the Zurn NR3XL Lead-Free Pressure Reducing Valve, covering installation, inspection, maintenance, repair procedures, and troubleshooting. Includes product specifications and warranty information.</p>



**AquaSense®**  
ZER-SM Series  
Automatic Battery-Powered  
Flush Valve  
Installation, Operation, Maintenance  
and Parts Manual



**ZER6000-SM Series**  
**ZER6200-SM Series**  
**ZER6003-SM Series**  
**ZER6203-SM Series**

**IMPORTANT SAFETY INFORMATION**

Read and understand all instructions before attempting to install, operate, or maintain this product. Failure to follow these instructions may result in property damage, personal injury, or death.

**WARNING:** This product is not to be used in applications where it may be exposed to flammable or explosive atmospheres.

**CAUTION:** Do not touch the battery terminals. The battery is sealed and should not be opened. Do not attempt to recharge the battery.

**NOTE:** The battery is a maintenance-free, sealed lead-acid battery. It should be stored in a cool, dry place. The battery should be replaced when the unit no longer operates properly.

**REPLACEMENT PARTS:** For a complete list of replacement parts, see the parts list on page 10.

**WARRANTY:** Zurn warrants this product to be free from defects in materials and workmanship for a period of one year from the date of installation. This warranty does not cover damage caused by misuse, neglect, or accidents.

**CONTACT:** For more information, contact Zurn at 1-800-451-7273 or visit our website at [www.zurn.com](http://www.zurn.com).

### [Zurn AquaSense ZER-SM Series Automatic Battery-Powered Flush Valve Manual](#)

Comprehensive manual for Zurn AquaSense ZER-SM series automatic battery-powered flush valves, covering installation, operation, maintenance, troubleshooting, and parts breakdown for models like ZER6000-SM, ZER6200-SM, ZER6003-SM, and ZER6203-SM.