

HELVEX SH-1012

HELVEX Valvex V Large Right 1/4 Turn Replacement Cartridge SH-1012 Instruction Manual

Model: SH-1012 | Brand: HELVEX

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your HELVEX Valvex V Large Right 1/4 Turn Replacement Cartridge, Model SH-1012. This ceramic disc cartridge is designed to ensure a complete shut-off of water flow, preventing drips and ensuring reliable performance in compatible HELVEX faucet models.

2. PRODUCT OVERVIEW

The HELVEX Valvex V Large Right 1/4 Turn Replacement Cartridge (SH-1012) is a high-quality component crafted from bronze, featuring a ceramic disc mechanism for smooth and precise water control. Its 1/4 turn design allows for quick and efficient operation.



Figure 2.1: Front view of the HELVEX Valvex V Large Right 1/4 Turn Replacement Cartridge (SH-1012). This image displays the main body of the cartridge, highlighting its brass construction and the internal mechanism.



Figure 2.2: Side view of the HELVEX Valvex V Large Right 1/4 Turn Replacement Cartridge (SH-1012). This perspective shows the threaded base and the stem, which connects to the faucet handle, indicating its right-turn closure mechanism.

3. COMPATIBILITY

The SH-1012 cartridge is specifically designed for use with various HELVEX faucet models and assemblies. Ensure your existing faucet or assembly is listed below or visually matches the compatible models shown in the diagram.

3.1. Compatible Faucet Models (Keys)

- MEP-2006 (Nuva)
- MEP-2115 (Premier)
- M-1004 (Konos)
- M-1005 (Clásica)
- H-13341G (De hospital)
- M-1006 (Nautilia)
- ME-303 (Premier)
- ME-304 (Premier)

3.2. Compatible Assemblies

- E-40-II, E-40-AQ
- E-50-II, E-50-AQ
- E-60-II, E-60-AQ
- E-61-II, E-61-S, E-61-AQ

3.3. Compatible Discontinued Products

- E-301, E-302, E-303, E-2007, E-2111-II, E-2113, E-2117, E-9, E6-II, M-03, E-2001, E-2004-II, E-2009-II, E-2114, E-2116, E-2118, E-2119, E-2120, MEV6-V, E-2121, E-2122, E-3000, E-3004, E-2115, M-05, E-2118-DX, ME-2122-1.9



Figure 3.1: HELVEX Valvex V compatibility diagram. This diagram illustrates the SH-1012 (Right Turn) and SH-1114 (Left Turn) cartridges alongside various compatible HELVEX faucet models and assemblies, aiding in visual identification for correct replacement.

4. SETUP AND INSTALLATION

Replacing a faucet cartridge requires careful attention to detail. If you are unsure about any step, it is recommended to consult a qualified plumber.

4.1. Tools Required

- Adjustable wrench or pliers
- Screwdriver (Phillips or flathead, depending on faucet model)
- Rag or towel
- Penetrating oil (optional, for stubborn parts)

4.2. Installation Steps

1. **Turn off Water Supply:** Locate the main water shut-off valve for your home or the specific shut-off valves for the faucet you are working on (typically under the sink). Turn them off completely.
2. **Drain Faucet:** Open the faucet handles to drain any remaining water from the lines.
3. **Remove Faucet Handle:** Carefully remove the decorative cap (if present) on the faucet handle to expose the screw. Unscrew the handle and lift it off.
4. **Access the Cartridge:** Depending on your faucet model, you may need to remove a retaining nut, collar, or clip that holds the old cartridge in place. Use an adjustable wrench or pliers if necessary.
5. **Remove Old Cartridge:** Gently pull or twist the old cartridge out of its housing. If it's stuck, a cartridge puller tool might be needed, or apply penetrating oil and allow it to sit. Note the orientation of the old cartridge for correct installation of the new one.
6. **Install New Cartridge:** Insert the new HELVEX Valvex V SH-1012 cartridge into the faucet body, ensuring it is correctly aligned. The right-turn mechanism means it will close when turned clockwise.
7. **Secure Cartridge:** Reinstall any retaining nuts, collars, or clips that were removed. Tighten securely but do not overtighten.
8. **Reattach Handle:** Place the faucet handle back onto the cartridge stem and secure it with the screw. Replace the decorative cap.
9. **Restore Water Supply:** Slowly turn the water supply valves back on.
10. **Check for Leaks:** Open the faucet and check for any leaks around the handle or base. Test the hot and cold water flow.

5. OPERATION

The HELVEX Valvex V SH-1012 cartridge provides a smooth 1/4 turn operation for water flow control. To open the water flow, turn the faucet handle counter-clockwise. To close the water flow completely and prevent drips, turn the handle clockwise until it stops.

6. MAINTENANCE

Regular maintenance helps prolong the life of your faucet and cartridge.

- **Cleaning:** Clean the exterior of your faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners or harsh chemicals, as these can damage the finish.

- **Leak Checks:** Periodically check for any signs of leaks around the faucet base or handle. Address minor leaks promptly to prevent further damage.
- **Water Quality:** In areas with hard water, mineral deposits can accumulate over time. If you notice reduced flow or stiffness in the handle, it may indicate a need for professional inspection or cartridge replacement.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Dripping Faucet:** If the faucet continues to drip after closing, ensure the handle is fully turned to the closed (clockwise) position. If dripping persists, the cartridge may need to be re-seated or replaced if it's worn.
- **Reduced Water Flow:** Check if the aerator at the faucet spout is clogged with debris or mineral deposits. Clean or replace the aerator. If the issue persists, there might be a problem with the water supply or internal faucet components.
- **Stiff Handle:** A stiff handle can indicate mineral buildup around the cartridge or within the faucet body. Disassembly and cleaning may be required, or the cartridge might need replacement.
- **Water Leaking from Handle Base:** This often indicates a worn O-ring or an improperly seated cartridge. Re-check the installation steps, ensuring all components are correctly positioned and tightened.

For persistent issues, it is advisable to contact a professional plumber or HELVEX customer support.

8. SPECIFICATIONS

Model Number:	SH-1012
Brand:	HELVEX
Type:	Valvex V Large Right 1/4 Turn Replacement Cartridge
Material:	Bronze
Color:	Bronze
Connection Type:	1/4 Turn
Included Components:	1 Valvex Grande De Cierre De Disco Derecho 1/4 De Vuelta
Product Dimensions:	9.91 x 3.81 x 15.75 cm (3.9 x 1.5 x 6.2 inches)
Weight:	120 g

9. SUPPORT

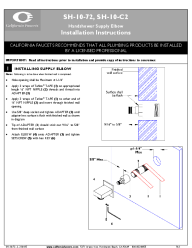
For further assistance, technical support, or warranty inquiries, please contact HELVEX customer service or visit their official website. Always refer to your original faucet's documentation for specific model information.

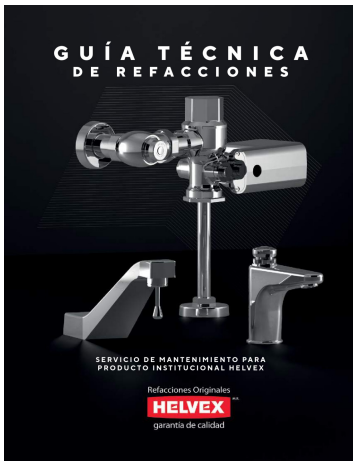


Figure 9.1: HELVEX brand logo, signifying quality assurance. This logo identifies the manufacturer of the replacement cartridge.

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Related Documents - SH-1012

	Allora USA Tub & Shower Faucet Trim Installation Guide This installation guide provides step-by-step instructions for installing Allora USA Tub & Shower Faucet Trim kits, including models ST-7002-SH, ST-7004-SH, ST-7001-SH, ST-7012-SH, ST-7014-SH, and ST-7011-SH. It details the necessary tools, outlines the installation process from pre-installation to final head attachment, and includes a comprehensive parts diagram with part numbers. Information on product registration is also provided.
	Goldring 1000 Series Moving Magnet Cartridge: Instructions and Specifications Detailed instructions for mounting, connecting, and using the Goldring 1000 Series moving magnet cartridge, along with technical specifications and stylus replacement guide.
	Goldring 1000 Series Moving Magnet Cartridge Instructions Instructions for mounting, stylus replacement, and technical specifications for the Goldring 1000 Series moving magnet cartridge.
	California Faucets SH-10-72, SH-10-C2 Handshower Supply Elbow Installation Instructions Detailed installation instructions for the California Faucets SH-10-72 and SH-10-C2 Handshower Supply Elbow, including part identification and step-by-step guidance for professional plumbers and homeowners.



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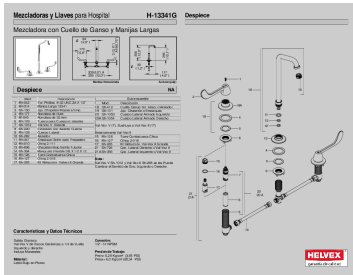
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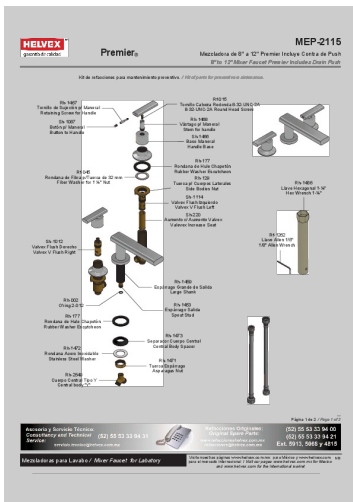
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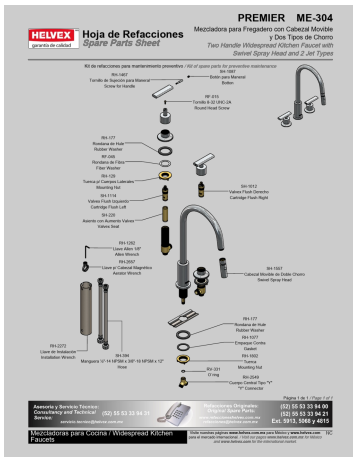
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