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› Kraus GV-580-CH Copper Illusion Glass Vessel Bathroom Sink User Manual

Kraus GV-580-CH

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INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kraus GV-580-CH Copper Illusion Glass Vessel Bathroom Sink. Please read this manual thoroughly before beginning installation and retain it for future reference. Proper installation and care will ensure the longevity and optimal performance of your sink.

SAFETY INFORMATION

Observe the following safety precautions during installation and use:

- Always wear safety glasses to protect your eyes during installation.
- Turn off the main water supply before beginning any plumbing work.
- Handle the glass sink with care to prevent chipping or breakage.
- Ensure all connections are secure and leak-free before restoring water supply.
- If you are unsure about any installation steps, consult a professional plumber.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Kraus GV-580-CH Copper Illusion Glass Vessel Sink
- Pop-up Drain Assembly (Chrome finish)
- Mounting Ring



This image shows the Kraus Copper Illusion Glass Vessel Bathroom Sink from a front perspective, highlighting its unique copper and brown glass pattern.

SPECIFICATIONS

Brand	Kraus
Model Number	GV-580-CH
Material	Tempered Glass, Brass
Color	Copper Illusion (Glass), Chrome (Drain)
Product Dimensions (D x W x H)	16.5" x 16.5" x 5.5"
Glass Thickness	0.5" (12 mm)
Drain Opening	1.75" Standard
Installation Type	Above-Counter (Vessel)
Item Weight	15 Pounds

INSTALLATION INSTRUCTIONS

Before You Begin

- Ensure you have all necessary tools: safety glasses, adjustable wrench, plumber's putty, silicone sealant, measuring tape, drill, and appropriate drill bits.
- Verify that your countertop is suitable for a vessel sink installation and has the required drain hole size.
- Familiarize yourself with local plumbing codes and regulations.

Step-by-Step Installation

1. **Prepare the Countertop:** If a drain hole is not already present, mark and drill a 1.75-inch diameter hole in the desired location on your countertop. Ensure the hole is smooth and free of debris.
2. **Install the Mounting Ring:** Place the rubber washer over the drain hole on the countertop. Position the metal mounting ring on top of the rubber washer, aligning it with the drain hole.
3. **Place the Sink:** Carefully center the glass vessel sink over the mounting ring and drain hole. Ensure the sink is stable and level.
4. **Install the Pop-up Drain Assembly:**
 - Apply a thin bead of plumber's putty around the underside of the drain flange.
 - Insert the drain assembly through the sink's drain opening.
 - From underneath the countertop, thread the rubber washer, friction washer, and mounting nut onto the drain body. Tighten the nut by hand, then use an adjustable wrench to secure it firmly, but do not overtighten.



A top-down view of the Kraus Copper Illusion Glass Vessel Sink, clearly showing the central drain opening and the intricate glass design.



This image displays the chrome pop-up drain assembly and mounting ring, essential components for the vessel sink installation.

5. **Connect Plumbing:** Connect the P-trap and water supply lines to the faucet and drain assembly according to standard plumbing practices. Ensure all connections are watertight.
6. **Seal the Sink:** Apply a bead of silicone sealant around the base of the sink where it meets the countertop to prevent water infiltration. Allow the sealant to cure completely as per manufacturer instructions before use.
7. **Test for Leaks:** Once the sealant has cured, slowly turn on the water supply and check all connections for leaks.

OPERATION

The Kraus GV-580-CH Copper Illusion Glass Vessel Bathroom Sink operates like any standard bathroom sink. Water flow is controlled by your chosen faucet (sold separately). The included pop-up drain allows for easy opening and closing to retain or release water from the basin.

CARE AND MAINTENANCE

To maintain the appearance and integrity of your Kraus glass vessel sink, follow these care instructions:

- **Regular Cleaning:** Wipe the sink surface with a soft, dry cloth after each use to prevent water spots and mineral buildup.
- **Deep Cleaning:** For more thorough cleaning, use a mild, non-abrasive glass cleaner or a solution of warm water and mild soap. Apply with a soft cloth or sponge.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, scouring pads, or harsh chemical products (e.g., ammonia-based cleaners, bleach) as these can damage the glass finish.
- **Prevent Scratches:** Avoid dropping heavy or sharp objects into the sink.
- **Drain Maintenance:** Periodically clean the pop-up drain to remove hair and debris, ensuring proper drainage.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Water leaks from drain connection	Loose drain nut or improper sealant application.	Tighten the drain nut. If leaking persists, disassemble, reapply plumber's putty, and reassemble.
Slow drainage	Drain clogged with debris (hair, soap scum).	Remove the pop-up stopper and clean any accumulated debris. Use a drain snake if necessary.
Water spots or mineral buildup	Hard water residue.	Wipe the sink dry after each use. For existing spots, use a mild vinegar solution (diluted) and a soft cloth, then rinse thoroughly.

WARRANTY INFORMATION

The Kraus GV-580-CH Copper Illusion Glass Vessel Bathroom Sink is backed by a **Limited Lifetime Warranty**. This warranty covers defects in material and manufacturing under normal use. For specific terms, conditions, and limitations, please refer to the official Kraus warranty documentation provided with your purchase or visit the Kraus website.

CUSTOMER SUPPORT

If you require further assistance, have questions not covered in this manual, or need to report a warranty claim, please contact Kraus customer support. Contact information can typically be found on the Kraus website or on the packaging of your product.