

# INSTALLATION INSTRUCTIONS

*Stainless Steel Undermount Sinks*

## 1. Identify sink edge appearance desired

### A. Visible sink edge

This type of installation allows for approximately 1/8" of the sink bowl edge to be visible. The hole in the counter top material is cut 1/8" larger than the sink bowl dimensions. This type of installation can possibly allow for debris build-up around the sink rim leading to unsanitary situations.

### B. Zero Reveal

This type of installation entails precise matching of the sink bowl dimensions and contours to the holes cut into the counter top material. The precision needed to match the radius corners of the sinks and the counter material is difficult to achieve even using computer controlled equipment. A degree of variance should be expected in order to be truly satisfied with the final installation.

### C. Counter Material Overhang

This is the most realistic type of installation when functionality and appearance is the primary concern. This installation entails a 1/8" overhang of the counter top material into the sink bowl area. The sink is tucked under the counter to preserve a clean and visually appealing sink installation.

## 2. Manufacturer Provided Template

Provided with each sink is a cardboard template that represents the size of the sink bowls. This is only a reference for the actual material cut-out for the sink and the physical sink should be used to make actual fabricating marks prior to cutting the counter material.

## 3. Use Professional Fabricators and Installers

Visionary Innovations recommends allowing a professional fabricator and installer to design, fabricate and install your sink and counter tops. Requirements for varying counter material will cause installation procedures to be specific. Individuals with industry experience are best suited to handle these variances.

## 4. Sink Inspection

Before installing your new sink, an inspection should be performed to insure that no shipping damage has occurred. The manufacturers warranty does not cover removal and reinstallation due to shipping damage.

## 5. Plumbing and Building Codes

Use of a professional fabricator and installer will help to insure that local building and plumbing codes are complied with. The owner of the project is responsible for compliance to these codes.

## 6. Warranty Compliance

Following installation instructions are required to maintain the factory warranty. Improperly installed sinks will void the warranty.



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**STEP 1** (Recommended for professional fabricators and installers)

**Create a template**

- A. Draw a line for the centerline of the sink on the back of the counter top.
  - B. Near the front edge of the counter top draw a line approximately 2-2 ½” from the edge to signify the location for the front edge of the sink. The size of the sink will determine the location of the sink in the counter top.
  - C. To create a template place the sink upside down on a piece of plywood and outline the sink on the board with a pencil.
  - D. Mark the center point of the sink on the template.
  - E. if using a 5/8” template guide on your router, draw another line 1/16” outside the sink outline to allow for the router guide. If other cutting methods are being used, adjust accordingly.
- CAUTION: Be sure to cut on the inside of the template line to obtain your desired reveal.
- F. Adjust the location of the line based upon the desired sink edge appearance found on the first page.
  - G. Cut the plywood template with special attention to the corner radius.

**STEP 2** (Recommended for professional fabricators and installers)

**Make the sink cut-out.**

- A. Align the center mark on the plywood template with the center line and front edge line on the back of the counter top.
- B. Secure the template to the counter top and use router to cut out the material. Be sure to follow the template closely as this is not reversible.
- C. Finish the inside of the cut-out according to the information provided by the material supplier.

**STEP 3** (Recommended for professional fabricators and installers)

**Sink clip attachment**

- A. Position the bowl under the hole with equal space on all sides.
- B. The type of clip system will determine the way the clips are installed in or on the counter material.
  - 1. Surface mounted clips are recommended as they do not penetrate the counter top material. This type of clip has a stud mounted on a perforated plate that is attached to the underside of the counter top using epoxy that is pressed between the perforated plate and the counter material. This forms a bond using the surface area to hold the sink securely into position.
  - 2. Stud and inserts can be used, however the potential for counter material damage is increased. This type of clip has inserts that are placed into holes drilled into the underside of the counter material. Potential counter top cracking can occur due to the mechanical tightening of the screw into the insert. Be careful not to over tighten the screws into the inserts.
- C. Use (3) clips on the longer sides of the sink and (2) on each of the shorter sides.



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**STEP 4** (Recommended for professional fabricators and installers)

**Install the sink**

- A. Clean the top rim of the sink with denatured alcohol.
- B. Apply a bead of 100% silicone sealant to the top of the sink rim.
- C. Position the bowl into the counter top material.

**STEP 5** (Recommended for professional fabricators and installers)

**Tighten the clips**

*Stud/Insert clip type*

- A. For the screw/insert type clips, tap the inserts into the pre-drilled holes in the underside of the counter top.
  - B. Attach stud, wing-nut and washer and clip into the insert.
  - C. Hand-tighten wing-nut to secure the sink in place.
- CAUTION: Do not over tighten or totally secure one wing-nut, but rather slowly tighten each wing-nut to pull the sink into position evenly on each wing-nut.

*Surface Mounted clips*

- A. Slide clip onto stud and then use wing-nut to secure the clip.
  - B. Hand-tighten wing-nut to secure the sink in place.
- CAUTION: Do not over tighten or totally secure one wing-nut, but rather slowly tighten each wing-nut to pull the sink into position evenly on each wing-nut.

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