Glass Faucet Care
and
Installation Instructions

About Your Faucet

After working with hot glass for over 20 years, I can say that the glass faucet is my favorite creation. It's a way to bring art out of the gallery and into the daily lives of people. Your glass faucet is handmade by me and my team of artists at Third Degree Glass Factory in St. Louis, Missouri. I inspect every faucet before it ships to ensure that it is flawless and will provide years of service. I welcome your comments about my work. Please take a moment to read about how to install and care for your faucet.

Yours Sincerely,

Jim McKelvey

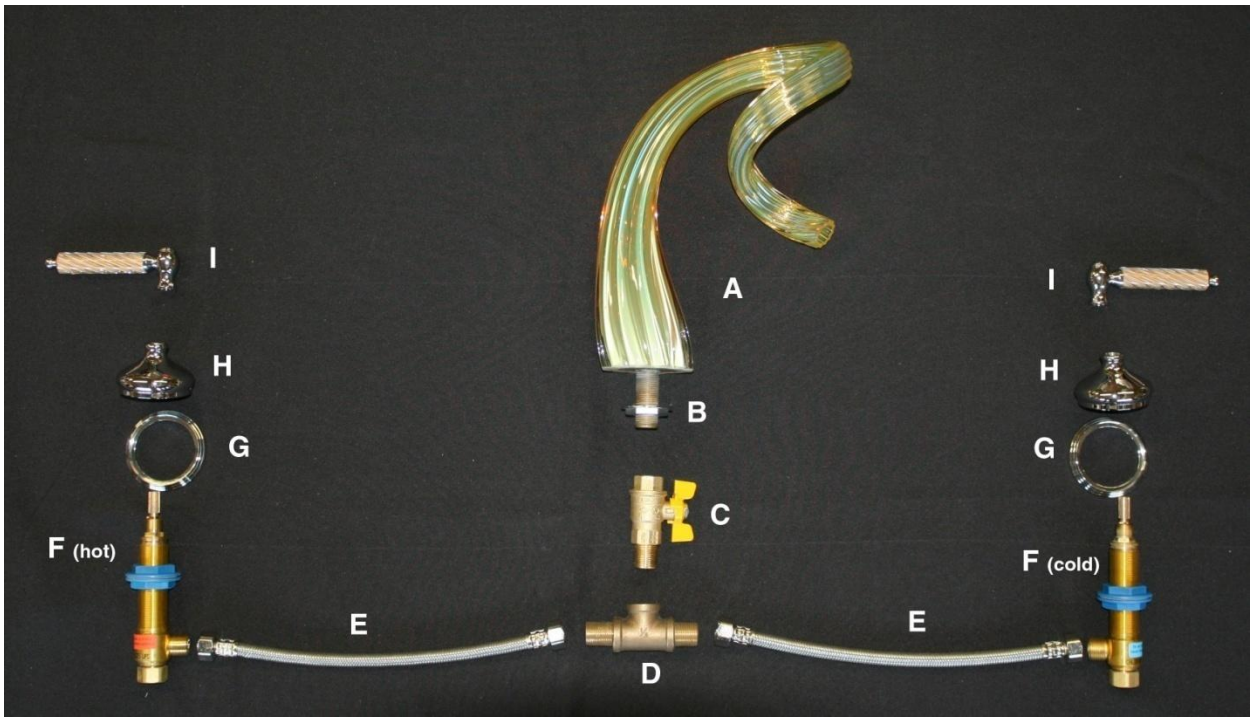
Cleaning

Glass is a wonderful container for water and requires minimal care. In most cases, the only care necessary is to wipe dust and spots off the outside the same way you would clean any other glass surface. Glass cleaner and a soft cloth or paper towel work well. Never use abrasives on glass as they can scratch the surface.

If you have a high mineral content in your water your faucet may accumulate mineral deposits on its inside surface. These mineral deposits are not harmful but will slightly opacify the glass (some people actually prefer this look). If you wish to remove these deposits, they can be dissolved with a mild acid. Vinegar (acetic acid) works well. You can either remove the faucet and soak it in vinegar overnight or dip a flexible brush in vinegar and work it up through the faucet tip. You can buy flexible brushes at any pet shop (they are used for aquariums).

Installation

Your glass faucet has been specially tempered to be exceptionally strong. In most cases, the faucet will withstand very severe blows with any metal or wooden object. Nevertheless, you should be careful to keep the work area clean of any ceramic dust or other sharp objects that may scratch the glass. We recommend that the faucets be installed only after the countertop is secured in place.



Installing the Spout

Locating the Spout

Your glass faucet (**A**) is asymmetric and will deliver a stream of un-aerated water. In order to prevent the water stream from splashing out of the sink, you may wish to orient the spout slightly off-center from the sink. This creates a whirlpool effect that is both interesting and minimizes splash. Once you have determined the location of the spout, drill a hole in the countertop with a diameter between 7/8" and 1" (14 – 18 mm).

Mounting the Spout

The bottom of the faucet is covered with a thin silicone gasket designed to compensate for any irregularities in the countertop surface and to provide a waterproof seal. You should not use any caulk or other sealant on the base of the faucet. Simply put the faucet through the hole and secure it underneath with the nut (**B**). The nut should be tightened 1/3rd of a revolution beyond hand tight. *Do not over tighten the nut or you will damage the sealing gasket and place unnecessary strain on the glass.*

Connecting the Flow-Restriction Valve and Mixing T

If your faucet valves do not have build-in pressure regulators, you will need to add a pressure regulating valve directly to the end of the spout underbody. This valve (**C**) allows you to regulate the flow of water, which may be necessary depending on your water pressure.

The pressure regulating valve is followed immediately by a short nipple and the mixing T (**D**). If space permits, it is easiest to assemble these three items first and then thread the entire assembly onto the bottom of the spout. Be sure to use either pipe dope or Teflon® tape on each connection. Important: you must secure the spout while tightening the pressure regulator onto the faucet by gripping the spout underbody with a pair of pliers to prevent the spout from twisting. *Do not use the glass for leverage during this operation as this will break the waterproof seal connecting the glass to its base and will void the warranty on the faucet.*

If space under the countertop prohibits rotating this valve-nipple-mixing T assembly you will need to loosen the spout and rotate the spout to tighten the assembly. If using this method, only hold the faucet with your fingertips when tightening. Once the connection if finger tight, secure the spout by holding the threaded base with a pair of pliers during the final tightening. Once the assembly is complete, retighten the spout lock nut (**B**).

Installing Dual Controls

Locating the Controls

The two lever controls (**F**) can be located wherever you wish. Keep in mind that the hot water control turns on with a counter-clockwise ¼ turn, whereas the cold water control turn on with a clockwise ¼ turn. The hot and cold valves may be differentiated by the color of their labels: red for hot and blue for cold. Once you have located the position of the handles drill a 1 - 1¼ ” diameter hole for each.

To determine the proper height of the valve in the countertop, remove the upper lock nut and washer and then feed the valve up through the hole and loosely screw on the escutcheon (**H**) and optional base ring (**G**). With the escutcheon now holding the top of the valve, tighten the lower nut finger tight. Remove the escutcheon and reinstall the upper washer and lock nut barely finger tight. Now tighten the bottom lock nut and washer firmly by hand. Rotate the valve so that the on and off positions are correct. Finish by using a wrench to tighten the upper lock nut 1/3 of a revolution past finger tight.

Install the escutcheon (**H**) and base ring (**G**) by hand-tightening onto the top of the valve (**F**). Finish by installing the handle levers (**I**) and tightening the set screws.

Connecting the Supply Lines

Connect the water supply lines to the bottom of each valve. Connect the outlet port of each valve to one side of the mixing T using the flexible supply lines (**E**).

Once all the lines have been connected, turn on the water supply and operate each valve for 30 seconds to purge the system of any debris. If you find that the flow is too high or too low, adjust the flow restriction valve (**C**) until you have achieved the desired flow.