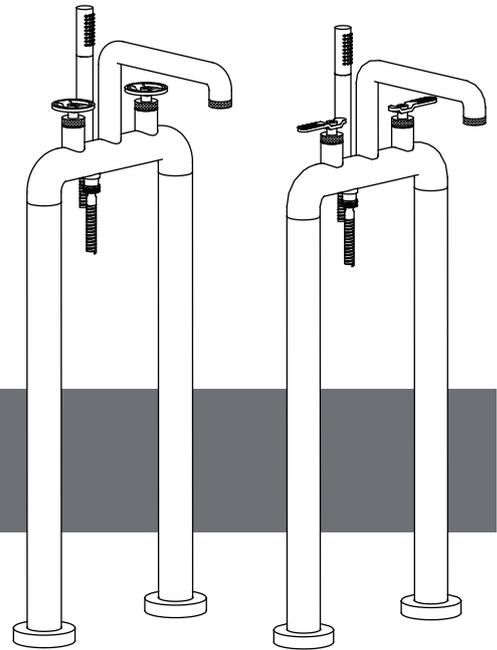


## UNION Floor-mount Tub Filler

US-UN399

# Installation Instructions



### Introduction

The faucets in this range are single flow (hot and cold water mix in the body) and should therefore be supplied with hot and cold water at balanced pressures. If the faucets are not supplied at balanced pressures then the mixer will not function correctly.

The minimum water pressure required for these faucets is 20 psi. The maximum water pressure is 60 psi, beyond which pressure-reducing valves must be installed.

The faucets are fitted with quarter-turn ceramic disc cartridges which provide a good flow rate with very smooth movement.

**IMPORTANT:** Before beginning installation, check to ensure that no damage has occurred during transport.

**Note:** Damage claims cannot be made during or after installation.

**Please read these instructions carefully before beginning installation and retain for future reference. These instructions have been prepared for guidance. Please exercise due care at all times. We do not accept responsibility for any problems that may occur through incorrect installation.**

### Installation notes

The installation must comply with all plumbing codes including local codes and be installed by a licensed plumbing contractor.

Anti-scald protection is the responsibility of the installer and according to applicable codes.

**Install US-399ROUGH first using the instructions provided with it.**

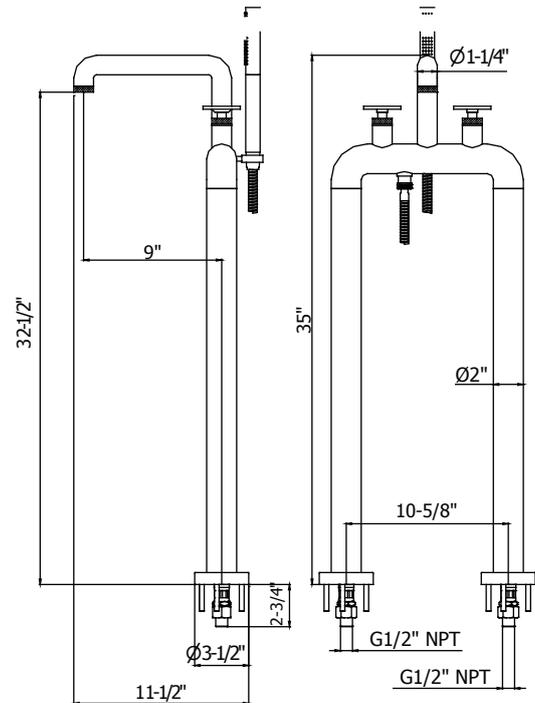
**IMPORTANT!** Before installing a new faucet it is essential that the supply pipes are thoroughly flushed in order to remove any remaining debris, solder or other impurities. Failure to carry out this simple procedure can cause problems or damage to the working of the faucet.

Installing shut-off valves on incoming supply lines is recommended for ease of maintenance.

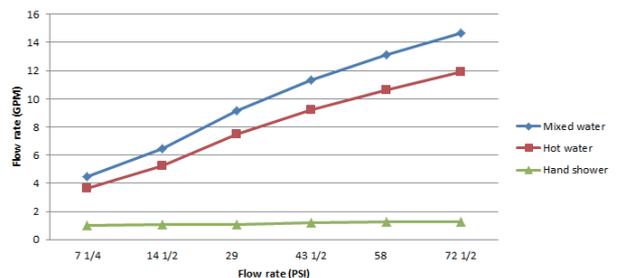
**Turn off the main water supply before connecting to any existing pipework or doing any maintenance.**

**WARNING! Please check for any hidden pipes and cables, electric or otherwise, before drilling holes in a wall or floor.**

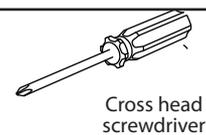
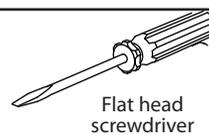
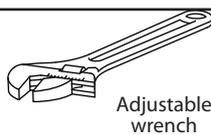
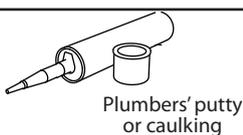
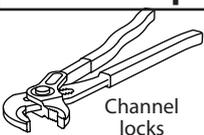
### Dimensions



### Flow rate



### Tools required

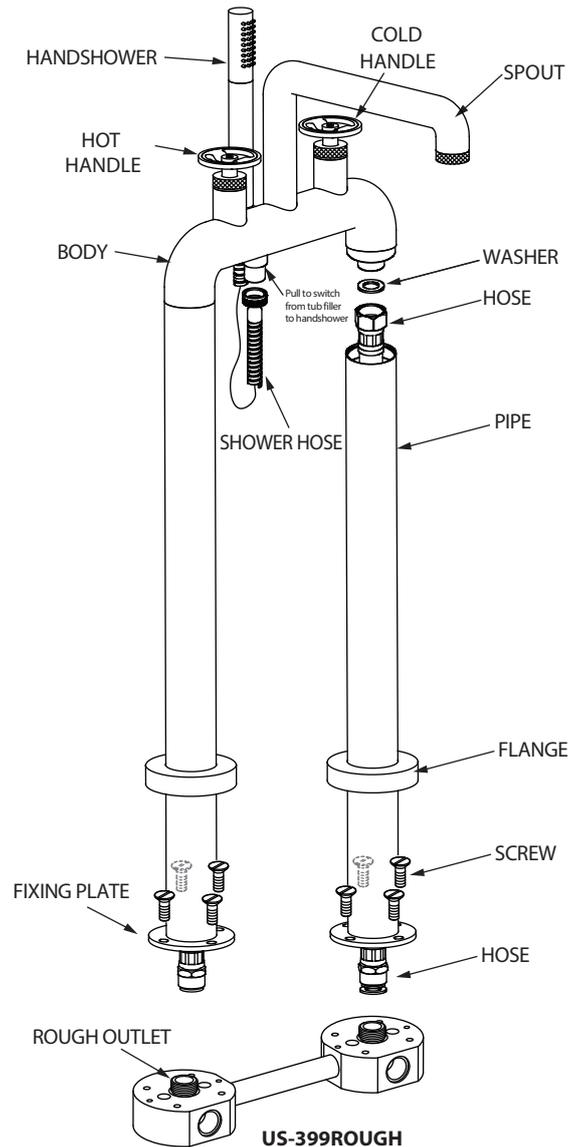


# 1 Installation

- Shut off the water heating system. Then, with the main water supply turned off, open the lowest hot and cold faucets and allow to drain until the pipes are empty.
- Identify all components before fitting.
- Before installing the tub filler, it is necessary to install the **US-399ROUGH** first. Please follow the instructions supplied with it, making sure the distance between the floor and the bottom of the rough is 1-3/4" to 2-1/4".
- Connect the top of the hoses to the body of the tub filler.
- Then carefully pass the flange over the top of the two pipes taking care not to mark the surface finish.
- Attach the pipes to the body of the tub filler.
- Connect the hoses that protrude from the bottom of the pipe to the outlet positions on the rough hot to the left and cold to the right side.
- Make sure the connection is water tight.
- Then secure the pipe to the fixing holes on the rough using screws provided.
- Slide the flange down carefully to cover the fixing plate.

## ATTENTION: Check all new connections for leaks.

- Turn on the main water supply, close all faucets except for the new installed faucet and as the system refills, check for leaks.
- Once satisfied there are no leaks, switch on the heating system.



# 2 Maintenance

## Cleaning the cartridge

- The concealed cartridge should give trouble-free service however servicing is a straightforward process.

## To remove the cartridge

- With the water supply **turned off**, carefully remove the handle and using a hexagonal key loosen the screw.
- Pull off the handle and unscrew the collar.
- Using a 7/8" wrench, unscrew and remove the cartridge.
- Wash the cartridge with clean running water, dry and lightly grease the seal, (only use silicone grease).
- Replace the cartridge followed by the collar and handle.

# 3 Cleaning Instructions

Please see the website for care and cleaning instructions for specific finishes.

## General cleaning tips:

Rinse away any traces of soap and gently dry with a clean, soft cloth after each use. Rinse completely with water and dry any overspray.

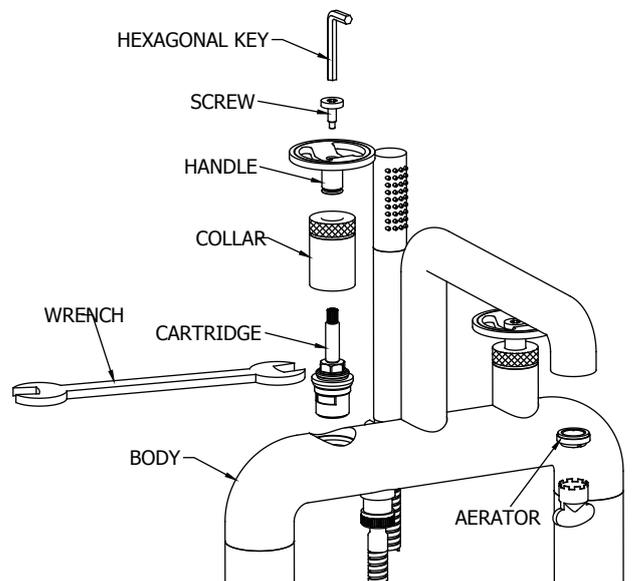
This will maintain the finish and avoid water spotting.

To remove mineral deposits, use a 50/50 solution of white vinegar and water. Do not allow the solution to soak on the product.

Simichrome Polish® contains a protective film to enhance maintenance and is helpful in preventing water spot buildup. Follow instructions to ensure optimum results. Never use an abrasive material such as a brush or scouring pad to clean the surface. The use of abrasive cleaners, cleansers or disinfectants will alter the surface finish and void the warranty.

Do not allow certain materials such as toothpaste, cologne, shaving cream, nail polish remover, vinegar, wine, drain and glass cleaners to remain on the surface. Prolonged contact will alter surface finishes and void the warranty.

**We DO NOT recommend using any household cleaners as many can cause damage to the finish.**



**Warranty** - This **Crosswater London** product is covered by a limited lifetime warranty. For full details, terms and conditions please visit our website.

For further information contact: **Crosswater London**, 393 Fortune Blvd., Milford, MA 01757

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