



ENGINEERING EXCELLENCE

## Installation Guide

Single Handle Lavatory Wallmount Vessel Filler:

- 3CS800

This product meets the following standards:

- ASME A112.18.1
- ANSI A117.1
- ANSI / NSF 61, SECTION 9
- CUPC / IAPMO LISTED / ADA COMPLIANT
- CONTAINS NO MORE THAN 0.25% WEIGHTED AVERAGE LEAD CONTENT



**Thank you for purchasing this Pioneer quality product.**

**Tools Required**



Adjustable  
Wrench

Teflon Tape

Rags

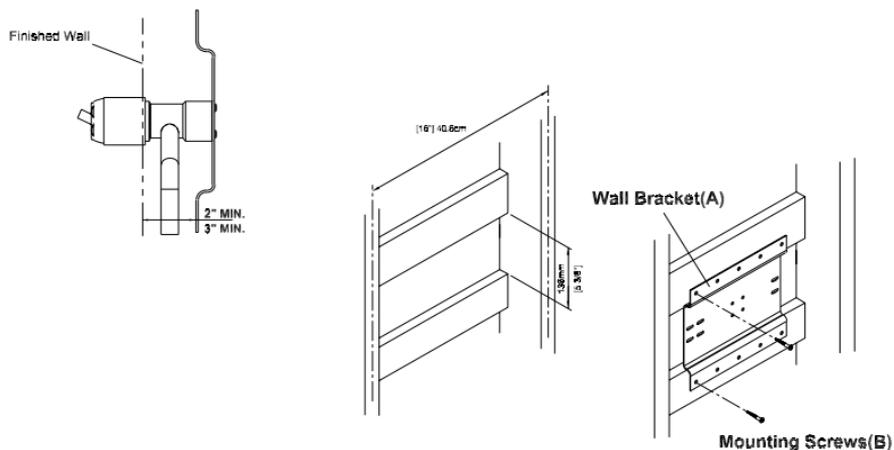
3/32" Allen  
Wrench

**Prior to Installation**

- Observe all local plumbing and building codes before you begin installation.
- Carefully shut off both hot and cold water supplies.
- Plug the sink drain with a soft cloth to prevent intrusion of debris or the loss of any parts.
- Pioneer reserves the right to make changes in the design of faucets without notice.

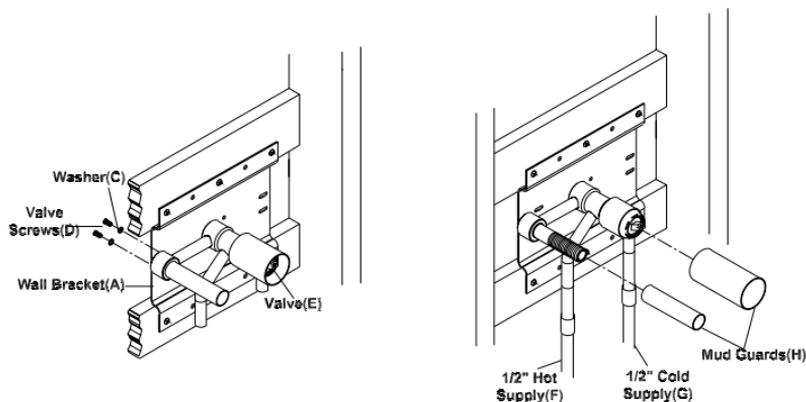
## Valve Installation

- **Note:-** The wall bracket(A) requires special framing and support considerations. Please pay special attention to minimum and maximum dimension recommendations noted.
- Refer to the specification for additional dimension information.
- A suggested framing example is shown. Each installation may have different framing requirements than shown.
- Construct the framing for your installation.
- Attach the wall bracket(A) to the framing with six panhead mounting screws(B) provided with the wall bracket(A).
- Verify that the installation is correct and leveled. Also verify the wall bracket(A) is firmly secured to the framing.



## Valve Installation

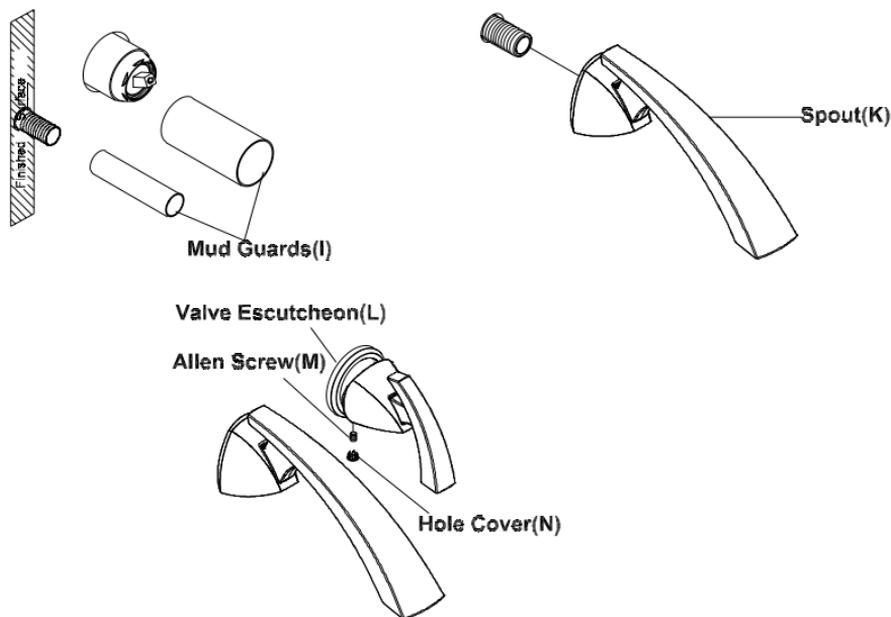
- Attach the valve body(E) to the wall bracket(A) with the screws(D) and washers(C) provided.
- Tighten the screws(D) securely.
- Solder the 1/2" hot(F) and cold(G) water supply lines to the valve. Before soldering remove all the components (like sleeve(N), ceramic cartridge (O), retainer nut(P) and retainer sleeve(Q)) to prevent internal damage. Ensure the hot inlet is connected to the left and cold inlet is connected to the right side. Failed to do so can result in malfunction of the valve. Replace all the components removed.
- Position a bucket in front of the spout shank. and turn on the main water supplies.
- Slowley open the valve and allow hot and cold water to flow from the spout shank for about a minute.
- Close the valve, carefully inspect all the connections for leak. repair if necessary.
- Reattach mud guards(H) to the valve & spout shank.





## Trim Installation

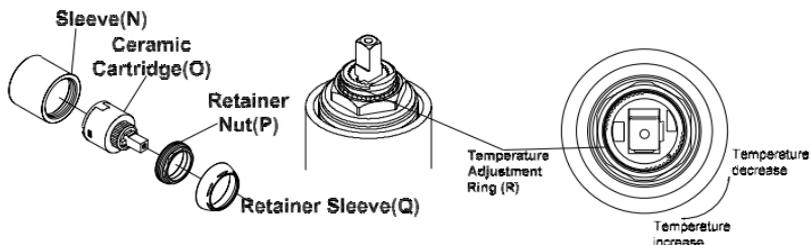
- Remove mud guards from the valve.
- Apply plumbers putty or sealant under the spout base to form watertight seal. Thread spout(J) on the spout shank till against the finished wall. Install it so the spout(J) faces downward. Do not overtighten the spout.
- Install handle and valve escutcheon(K). Ensure washer is behind the valve escutcheon(K) to form watertight seal. Tighten the allen screw(L) and snap on hole cover(M).



## To Set or Adjust Temperature Limit Stop

**Caution:** Valve is preset at the factory test at maximum. Adjust as necessary. Please see the instructions below:

- Shut off main water supply and relieve the pressure.
- Remove handle by removing hole cover and loosening allen screw, lift off handle.
- Counterclockwise unscrew retainer sleeve(Q) and retainer nut(P) .
- Use two fingers to raise the red adjustment ring(R).
- Turn adjustment ring counterclockwise to decrease the temperature and clockwise to increase the temperature. Replace the adjustment ring.
- Reassemble and test until desired safe temperature is reached.  
(Note: Ensure proper alignment of cartridge with notch in valve body.)



For more care information or trouble shooting inquiries about your Pioneer Product, please see the contact information on the back page.



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