Thank you for selecting American-Standard... the benchmark of fine quality for over 140 years.

To ensure that your installation proceeds smoothly-please read these instructions carefully before you begin.

RECOMMENDED TOOLS
- Phillips Screwdriver
- Flat Blade Screwdriver
- Tubing Cutter
- Adjustable Wrench
- Channel Locks
- Plumbers’ Putty or Caulking

ROUGHING-IN DIMENSIONS
To assure proper positioning in relation to wall, note roughing-in dimensions.

RU101SS
- INLETS 1/2” N.O.M. COPPER SWEAT OR 1/2” N.P.T.
- OUTLETS 1/2” N.O.M. COPPER SWEAT OR 1/2” N.P.T.

RU102SS
- INLETS 1/2” STUB OUT
- OUTLETS 1/2” STUB OUT

RU107SS
- INLETS 1/2” PEX (ASTM F1807-2)
- OUTLETS 1/2” N.O.M. COPPER SWEAT OR 1/2” N.P.T.

RU107ESS
- INLETS 1/2” PEX (ASTM F1807-2)
- OUTLETS 1/2” N.O.M. COPPER SWEAT OR 1/2” N.P.T.

RU108SS
- INLETS 1/2” PEX (ASTM F1807-2)
- OUTLETS 1/2” N.O.M. COPPER SWEAT OR 1/2” N.P.T.

RU109SS
- INLETS 1/2” STUB OUT
- OUTLETS 1/2” STUB OUT

RU108ESS
- INLETS 1/2” PEX (ASTM F1807-2)
- OUTLETS 1/2” N.O.M. COPPER SWEAT OR 1/2” N.P.T.

NOTE: TO AVOID SHOWER RISE OR OTHER RELATED ISSUES, DO NOT USE PEX CONNECTIONS AT THE TUB OUTLET CONNECTING TO THE TUB SPOUT.
1. **STANDARD WALL INSTALLATION**

![Diagram of wall installation with labels and measurements]

- **CAUTION:** Turn off hot and cold water supplies before beginning.

- See Roughing-in diagram before starting.
- Remove the PLASTER GUARD (8) for proper installation.
- Mount VALVE BODY to cross brace (2" X 4") with-in wall. Use wood screws to secure VALVE BODY to brace.
- Connect HOT and COLD water supplies per connection method of selected valve.
- Connect RISER PIPE (1) to VALVE BODY (2) top outlet marked “UP”.
- Connect TUB FILLER PIPE (3) to bottom outlet.
- Install PLASTER GUARD (8) back onto the valve. Only remove PLASTER GUARD (8) when ready to install trim Kit.
- Finished wall should allow for a 4" diameter opening (Use PLASTER GUARD for guidance)
- Screw driver stops are primarily used to shut water off. To shut “HOT” or “COLD” water using a flat head screw driver, turn the head of the screw vertically. And to turn the water back on, turn the screw horizontally.

**CAUTION:** After valve installation, inspect the VALVE BODY for any debris. It can damage Pressure Balance Valve cartridge.

**NOTE:** For back to back installation, follow steps mentioned above. Reversal of Hot/Cold water supplies is accomplished by rotating cartridge (supplied with trim) 180° during installation.
THIN WALL INSTALL

- See Roughing-in diagram before starting.
- Finished wall should allow for a 3-1/2" diameter opening (Use PLASTER GUARD for guidance).
- Remove PLASTER GUARD (8), rotate 90° counter clockwise and install the two screws. (Thin wall text should be on top)
- Use SELF-CENTERING HOLE GUIDES (9) as a guide for thin wall install.
- LOCKING SCREW (10) keeps valve in place when installing. Completely Thread LOCKING SCREW (10) onto PLASTER GUARD (8).
- During the installation, make sure to position the Locking feature screw as shown in Figure A below. Once the valve is positioned on the Thin Wall, turn counterclockwise as shown in Figure B to secure VALVE BODY (2) in place.
- Connect HOT and COLD water supplies per connection method of selected valve.
- Connect RISER PIPE (1) to VALVE BODY (2) top outlet marked “UP”.
- Connect TUB FILLER PIPE (3) to bottom outlet.

CAUTION: After valve installation, inspect the VALVE BODY for any debris. It can damage Pressure Balance Valve cartridge.

NOTE: For back to back installation, follow steps mentioned above. Reversal of Hot/Cold water supplies is accomplished by rotating cartridge (supplied with trim) 180° during installation.
THIN WALL INSTALLATION FOR BELSHIRE TRIMS

**CAUTION** Turn off hot and cold water supplies before beginning.

- Finished wall should allow for a 3-1/2" diameter opening.
- Discard or throw away PLASTER GUARD (8).
- Thread MOUNTING PLATE (4) on to the valve with the two SCREWS (5).
- Install Mounting Screws (7) through Escutcheon Holder (8) and into Threaded holes (6). Tighten Mounting Screws (7) Securely.

**Note:** MOUNTING PLATE (4), Mounting Screws (7), Escutcheon Holder (8), and the two SCREWS (5) can be found packaged with the Belshire Trim rather than the valve.

- Connect HOT and COLD water supplies per connection method of selected valve.
- Connect RISER PIPE (1) to VALVE BODY (2) top outlet marked “UP”.
- Connect TUB FILLER PIPE (3) to bottom outlet.
- Service stops are primarily used to shut water off. To shut “HOT” or “COLD” water using a flat head screwdriver, turn the head of the screw vertically. And to turn the water back on, turn the screw horizontally.
Valve comes with Flush Plug that allows hot and cold supply lines to be flushed independently (without cross flow).

Flush plug is shipped in **Orientation A**.
  - **ORIENTATION A** directs cold water through the shower port and hot water through the tub port.

Flush plug can be reversed to **Orientation B**.
  - **ORIENTATION B** directs cold water through the tub port and hot water through the shower port.

For shower only installation flush cold supply line first in **Orientation A**. Then reverse to **Orientation B** and flush hot supply line. Alternatively, the flush plug can be removed entirely to flush water through the valve body.

To switch between orientations follow these steps:
  - Unthread **BONNET NUT (1)**.
  - Rotate **FLUSH PLUG (2)** 90 degrees to desired orientation.
  - Rethread **BONNET NUT (1)**.

Upon completion of flushing both hot and cold supply lines unthread **BONNET NUT (1)**, remove **FLUSH PLUG (2)**, and rethread **BONNET NUT (1)**.

**ORIENTATION A** (as shipped)

**ORIENTATION B**

![Diagram of ORIENTATION A](image1)

![Diagram of ORIENTATION B](image2)
Flash™ Shower Valve Rough With Screwdriver Stops

MODEL NUMBERS

RU101SS  RU102SS  RU107SS  RU108SS  RU109SS  RU107ESS  RU108ESS

1. M970452-0070A  FIXATION RING KIT
2. M970453-0070A  1/2" SWEAT PLUG
3. M970453-0070A  LOCKING CAM SCREW KIT
4. M970451-0070A  SCREWDRIVER STOPS

PURCHASED SEPARATELY

1. M970452-0070A  FIXATION RING KIT
2. M970453-0070A  LOCKING CAM SCREW KIT
3. M970451-0070A  SCREWDRIVER STOPS
4. M954805-YYY0A  DEEP ROUGH-IN KIT

HOT LINE FOR HELP
For toll-free information and answers to your questions, call:
1 (800) 442-1902
Mon. - Fri. 8:00 a.m. to 8:00 p.m. EST
Saturday 10:00 a.m. to 4:00 p.m. EST
IN CANADA 1-800-387-0369
(TORONTO 1-905-306-1093)
Weekdays 8:00 a.m. to 7:00 p.m. EST
IN MEXICO 01-800-839-1200

Product names listed herein are trademarks of AS America, Inc.
© AS America, Inc. 2019