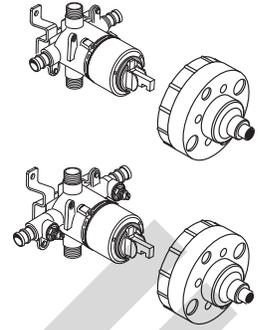


# INSTALLATION INSTRUCTIONS

## ROUGH VALVE KIT with PEX CONNECTIONS PRESSURE BALANCE FLOW CONTROL VALVE

**R127**  
**R127SS**  
**R128**  
**R128SS**

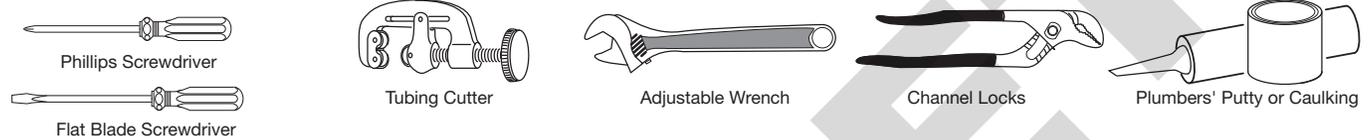


Certified to comply with ANSI A112.18.1

Thank you for selecting American-Standard...  
the benchmark of fine quality for over 100 years.

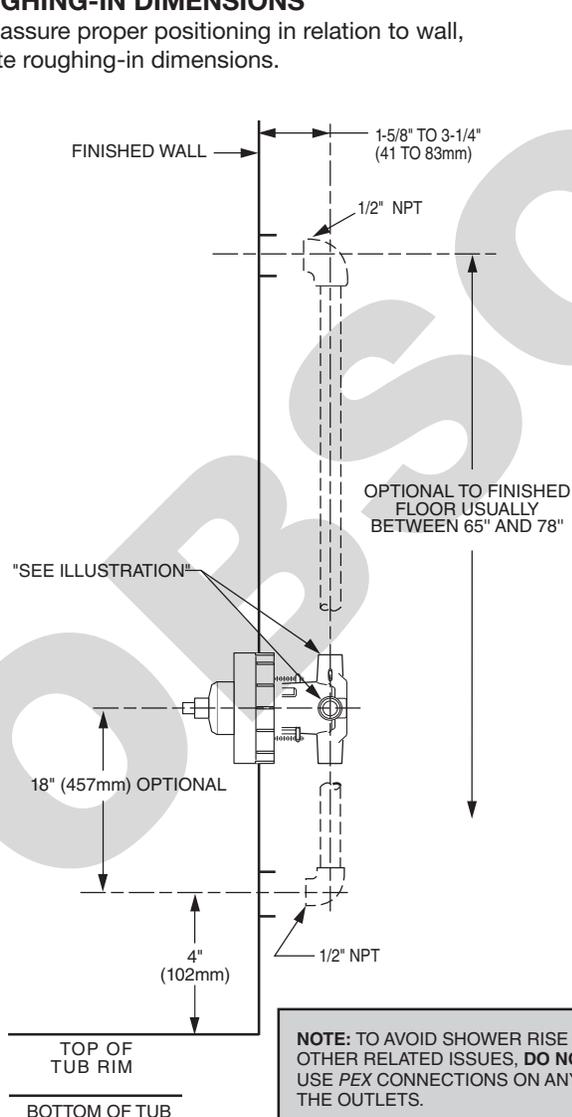
To ensure that your installation proceeds smoothly-please read these instructions carefully before you begin.

### RECOMMENDED TOOLS



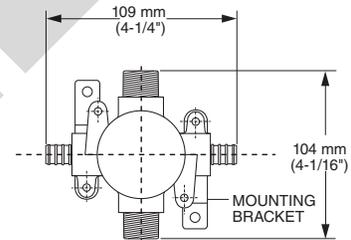
### ROUGHING-IN DIMENSIONS

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



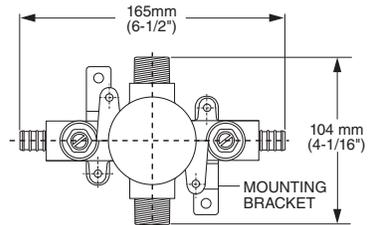
#### PEX (R127)

**INLETS**  
1/2" PEX  
(ASTM F1807-2)  
**OUTLETS**  
1/2" NOM.  
COPPER SWEAT  
or 1/2" NPT



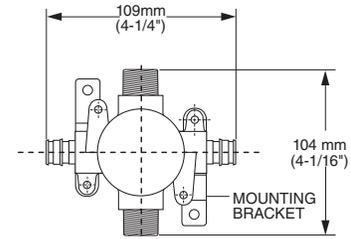
#### PEX (R127SS)

**INLETS**  
1/2" PEX  
(ASTM F1807-2)  
**OUTLETS**  
1/2" NOM.  
COPPER SWEAT  
or 1/2" NPT



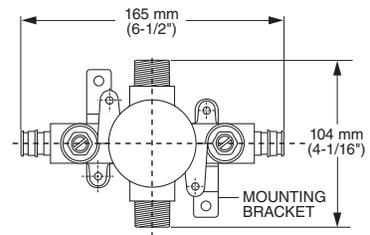
#### PEX (R128)

**INLETS**  
1/2" PEX  
(ASTM F1960)  
**OUTLETS**  
1/2" NOM.  
COPPER SWEAT  
or 1/2" NPT



#### PEX (R128SS)

**INLETS**  
1/2" PEX  
(ASTM F1960)  
**OUTLETS**  
1/2" NOM.  
COPPER SWEAT  
or 1/2" NPT



**NOTE:** TO AVOID SHOWER RISE OR OTHER RELATED ISSUES, **DO NOT** USE PEX CONNECTIONS ON ANY OF THE OUTLETS.

## 1 ROUGHING-IN

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

**NOTE:** When soldering, remove **PLASTER GUARD, CARTRIDGE** and **PRESSURE BALANCING UNIT**. When finished soldering, flush valve body, replace pressure balancing unit, cartridge and plaster guard to continue installation.

- See Roughing-in diagram before starting.

Connections are:

- **R127 & R127SS**

- INLETS 1/2" PEX INLETS (ASTM F1807-2)
- OUTLETS 1/2" NOM. COPPER SWEAT or 1/2" NPT

- **R128 & R128SS**

- INLETS 1/2" PEX INLETS (ASTM F1960)
- OUTLETS 1/2" NOM. COPPER SWEAT or 1/2" NPT

- Secure **MOUNTING BRACKET (8)** to wall brace with wood screws.

- Mount **VALVE BODY** to cross brace with-in wall. Use wood screws to secure **VALVE BODY** to brace.

- Connect **RISER PIPE (1)** to **MANIFOLD (2)** top outlet marked "SHR".

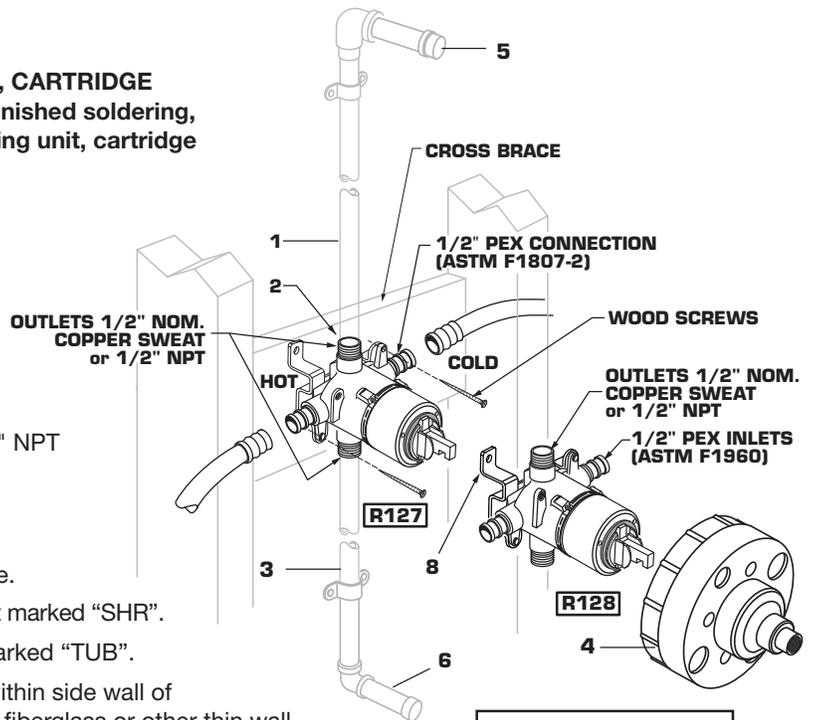
- Connect **TUB FILLER PIPE (3)** at bottom outlet marked "TUB".

- For proper positioning the finished wall must be within side wall of **PLASTER GUARD (4)**. If the valve is installed on a fiberglass or other thin wall application, the **PLASTER GUARD (4)** can be used as a support.

- Cut a 3" dia. hole in the shower stall.
- Remove **PLASTER GUARD (4)**, rotate 90° so that indicated screw holes fit **MANIFOLD (2)**.
- Connect hot and cold water supplies. Connections are 1/2" PEX connections.

- Cap off shower pipe **(5)** and tub filler pipe **(6)**.

- For support, use pipe braces secured to wooden braces. With valve turned off, turn on water supplies. Check for leaks. Finish wall construction.

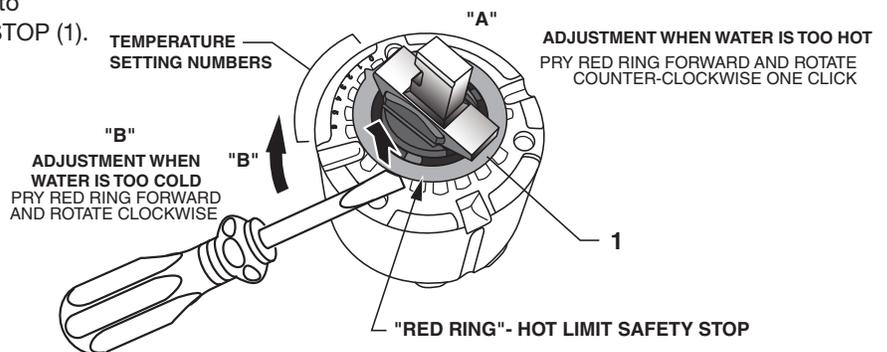


**Attention:** Do not connect PEX adapters to tub outlet as this can cause reduction in flow and back flow to shower while in tub mode.

## 2 ADJUST HOT LIMIT STOP

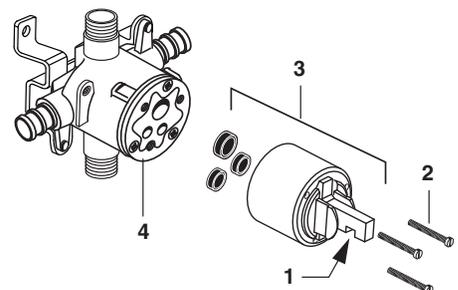
- By restricting **HANDLE** rotation and limiting the amount of hot water allowed to mix with the cold, the **HOT LIMIT SAFETY STOP (1)** reduces risk of accidental scalding. To set the maximum hot water temperature of your faucet, all you need to do is adjust the setting on the **HOT LIMIT SAFETY STOP (1)**.

- Use a flat blade screwdriver or your fingers to pull up and rotate red **HOT LIMIT SAFETY STOP (1)**. Follow Step "A" or "B" to adjust min./max. discharge temperature. "0" being the hottest to "7" the coldest temperature setting. Factory set at "0".



## 3 SERVICE

- If faucet drips, operate **CARTRIDGE PIVOT (1)** handle several times from "off" to "on". Do not apply excessive force.
- Clogged **CARTRIDGE (3)** inlets may cause reduced flow in "full on" hot or cold. To clean inlets, first turn off water supply, then:
  - Remove and **CARTRIDGE (3)**. Clean inlets and **MANIFOLD (4)**.
  - Reassemble **CARTRIDGE (3)**, alternately tightening **SCREWS (2)**.
- Remove and **CARTRIDGE (3)**. Clean inlets and **MANIFOLD (4)**.
- Reassemble **CARTRIDGE (3)**, alternately tightening **SCREWS (2)**.



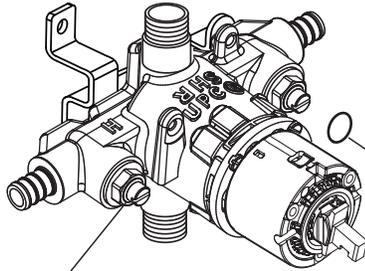
# American Standard

## ROUGH VALVE KIT with PEX CONNECTIONS PRESSURE BALANCE FLOW CONTROL VALVE

MODEL NUMBERS

<b>R127</b>	<b>R128</b>
<b>R127SS</b>	<b>R128SS</b>

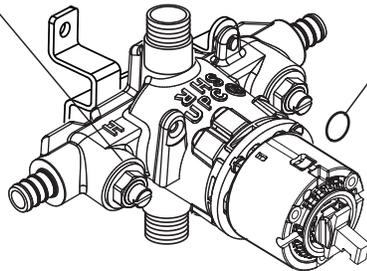
**R127SS**



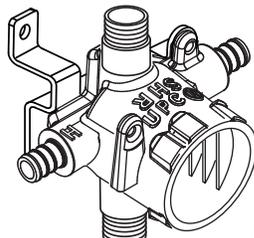
**013205-0070A**  
STOP VALVE O-RING

**051122-0070A**  
SCREWDRIVER STOPS

**R128SS**

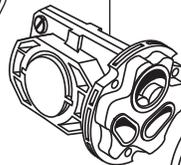


**R127**

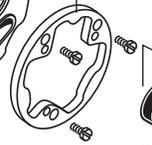


**050145-0070A**  
1/2" SWEAT PLUG

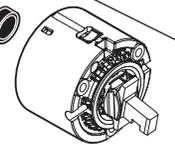
**M952100-0070A**  
PRESSURE BALANCING UNIT



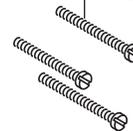
**M961854-0070A**  
FIXATION RING WITH SCREWS



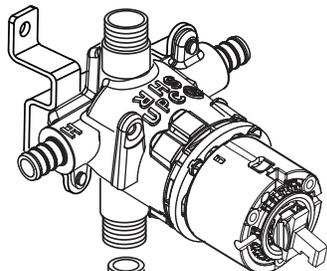
**023529-0070A**  
CARTRIDGE



**023603-0070A**  
CARTRIDGE SCREWS



**R128**



**050145-0070A**  
1/2" SWEAT PLUG

### 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

