American Standard

INSTALLATION INSTRUCTIONS

TU662.223
TU662.213

COMMERCIAL SHOWER SYSTEM KITS:
1.5 gpm & 2.5 gpm

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.

Installation must conform to all local building codes.

TU662.223
2.5 GPM

TU662.213
1.5 GPM
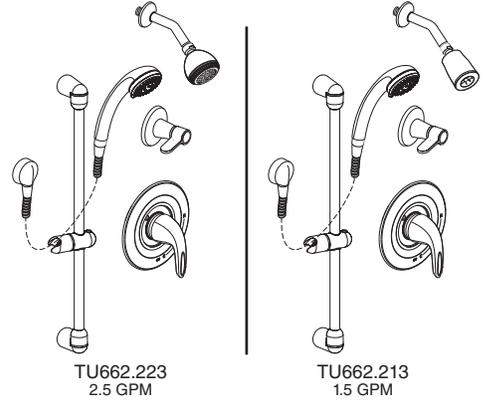
Certified to comply with ANSI A112.18.1

RECOMMENDED TOOLS & MATERIALS

Phillips Screwdriver

Pencil

Hammer

Sealing Tape

Tape Measure

6 mm (15/64")
Drill Bit

Torch

Pipe Wrench

Adjustable Wrench

Tubing Cutter

Electric Drill
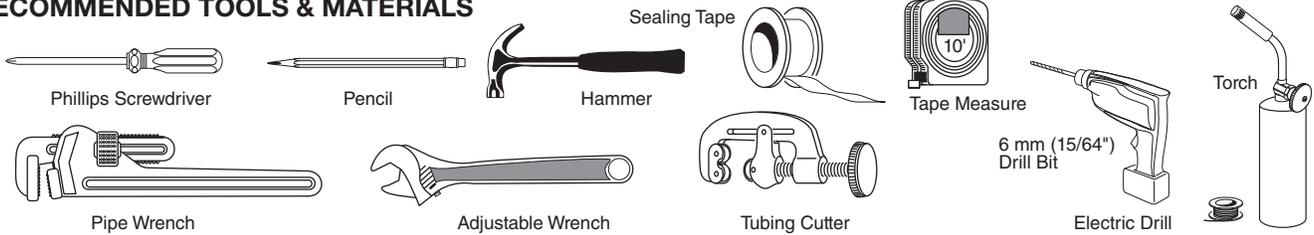
ROUGHING-IN DIMENSIONS

1/2" NPT

OPTIONAL

FLOWISE
SHOWER HEAD

FINISHED WALL

1-5/8" TO 3-1/4"
(41 TO 83 mm)

1/2" NPT

9-1/2"
(241 mm)

3-3/8"

1660.766

1/2" NPSM

4" REF.
(102 mm)

5-1/2" REF.
(140 mm)

OPTIONAL TO FINISHED
FLOOR USUALLY
BETWEEN 65" TO 78"
(1651 TO 1981 mm)

8"
(203 mm)

7" REF.
(178 mm)

1/2" NPT

1/2"
(13 mm)

33-3/8"
(848 mm)

74" (1880 mm)
FOR HEAD
CLEARANCE

1-1/4"
(32 mm)

12" (305 mm)
OPTIONAL

9-1/2"
(241 mm)

3-3/8"

1660.767

1/2" NPSM

2-3/4" DIA.
(70 mm)

12" (305 mm)
OPTIONAL

5-7/8"
(146 mm)

6" DIA.
(152 mm)

OPTIONAL TO
FINISHED FLOOR
USUALLY BETWEEN
36" TO 48"
(914 TO 1219 mm)

PLUG TUB
OUTLET

48" TO 54"
(1219 TO 1372 mm)
OPTIONAL

1/2" SUPPLIES

BOTTOM
OF SHOWER

**UNIVERSAL INLETS / OUTLETS: 1/2" NOM
COPPER SWEAT OR 1/2" NPT**

M985022 (5/19)

1   INSTALL THE R422 TWO-WAY DIVERTER

NOTE: REFER TO INSTALLATION INSTRUCTIONS (M965673) SUPPLIED WITH DIVERTER FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.

IMPORTANT: The reverse side of the body is marked with arrows.

CAUTION: Do not solder near the VALVE. Damage to the SEAL may occur. Do not seal any outlets. The DIVERTER cannot be used as a stop valve. Use thread sealant or sealing tape on threaded connections.

TWO-WAY DIVERTER

- See Roughing-in diagram before starting. The port with the BATH TUB picture is the high flow.
- The DIVERTER can be installed with the inlet rotated in any position.
- All connections are 1/2" NPT.
- For proper positioning the finished wall must be within the side of PLASTER GUARD.
- Connect the R422 TWO-WAY DIVERTER to the R120SS VALVE BODY.

1/2" NPT HAND SHOWER ⇐ ◉ ⇒ **1/2" NPT SHOWER**

1/2" NPT INLET
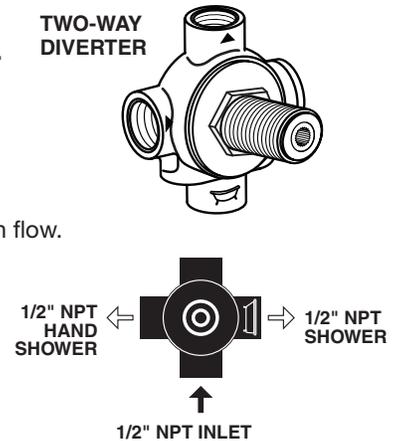
2   MAKE ALL CONCEALED PIPING CONNECTIONS

- See Roughing-in diagram before starting.
- Make Hot and Cold supply connections to the VALVE BODY. Inlet and outlet connections to the valve body are 1/2" copper sweat.
- Make Tub Filler connection from DIVERTER. (Use the port with the BATH TUB picture). DIVERTER IS 1/2" NPT. TUB SPOUT connection is 1/2" copper for SLIP-ON SPOUT.
- Make the connections for the HAND SHOWER. The HAND SHOWER connections are 1/2" NPT.
- For support, use PIPE BRACES secured to wooden braces. Cap off HAND SHOWER and TUB SPOUT FILLER PIPE. With the R120SS VALVE turned off, turn on water supplies. Check for leaks.
- Finish all wall construction.

3   INSTALL VALVE TRIM AND TUB SPOUT

NOTE: REFER TO INSTALLATION INSTRUCTIONS (M965937) SUPPLIED WITH VALVE TRIM KIT FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.

- When finished tiling the wall, remove PLASTER GUARD.
- Remove plug from shower pipe.

PLUG

FLOWISE SHOWER HEAD

PLASTER GUARD

M985022 (5/19)
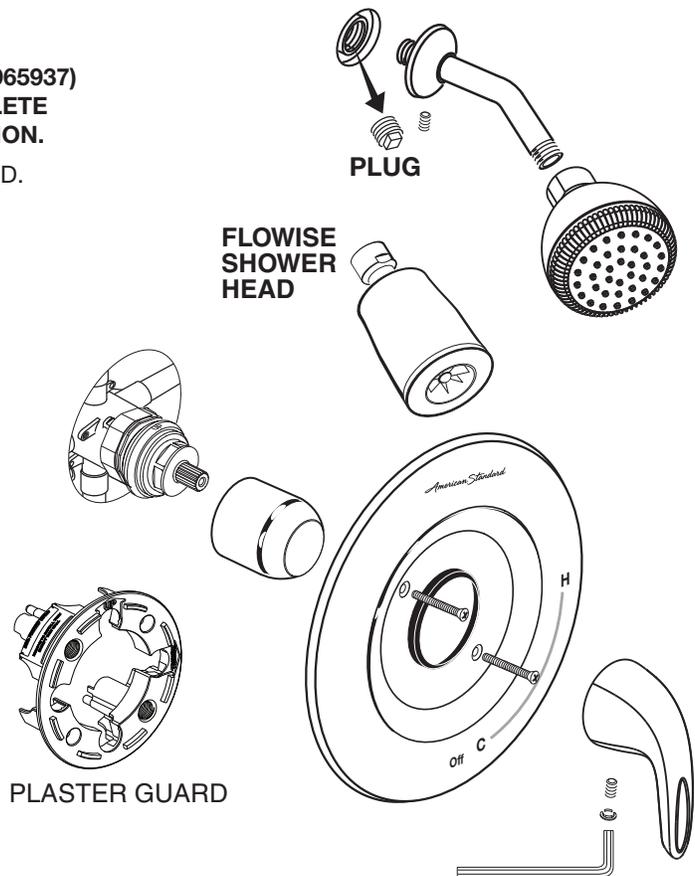
4 INSTALL DIVERTER TRIM AND HANDLE

- When finished tiling the wall, remove PLASTER GUARD.
- Place ESCUTCHEON **(1)** onto ESCUTCHEON HOLDER **(2)**.
- Thread ESCUTCHEON HOLDER **(2)** onto DIVERTER VALVE **(3)**. Tighten until ESCUTCHEON **(1)** is snug against finished wall.
- Install HANDLE SKIRT **(4)** onto VALVE STEM **(5)**.
- Push DECORATIVE RING **(6)** onto LEVER HANDLE **(7)**.
- Align LEVER HANDLE **(7)** and push onto HANDLE SKIRT **(4)**. Install HANDLE SCREW **(8)** and tighten.
- Push INDEX CAP **(9)** into LEVER HANDLE **(7)**.

PLASTER GUARD
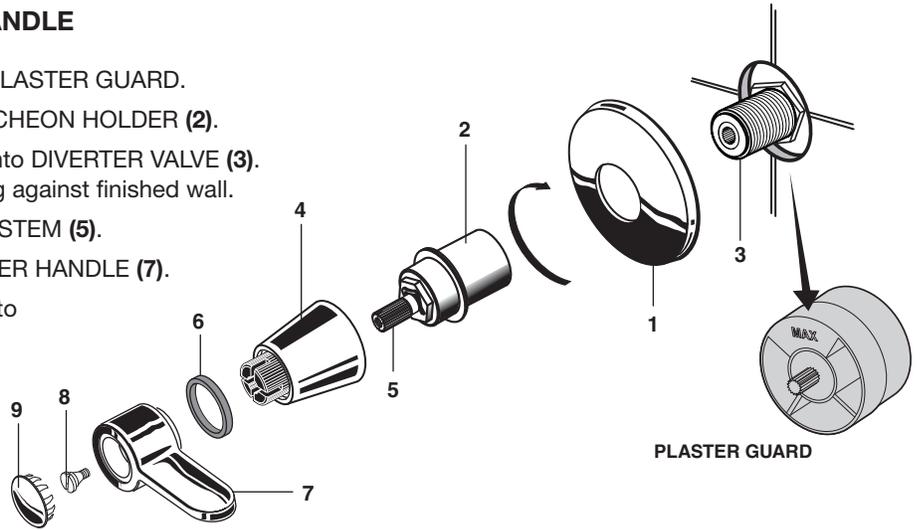
5 INSTALL WALL SUPPLY

NOTE: REFER TO INSTALLATION INSTRUCTIONS (M968637) SUPPLIED WITH WALL SUPPLY FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.

- Supply to WALL SUPPLY is 1/2" NPT. See rough-in above for detailed information.
- Apply sealant or sealing tape to threads of 1/2" NPT supply nipple.

1/2" NPT APPLY SEALANT OR SEALING TAPE

6 INSTALL HAND SHOWER SLIDE BAR

NOTE: REFER TO INSTALLATION INSTRUCTIONS (M968637) SUPPLIED WITH SHOWER SYSTEM KIT FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.

WARNING: NOT DESIGNED TO BE A GRAB BAR.

- The height and location of the SLIDE BAR is optional. It can be installed to the right or left side of the R120SS VALVE.

2-1/2" (64 mm)

33-3/8" (848 mm)

35-3/8" (899 mm)

3-3/8" (86 mm)
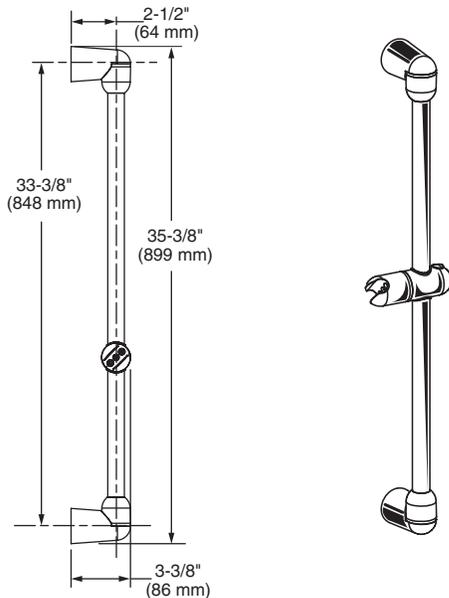
7 INSTALL HOSE AND HAND SHOWER TEST SHOWER SYSTEM

NOTE: REFER TO INSTALLATION INSTRUCTIONS (M968637) SUPPLIED WITH SHOWER SYSTEM KIT FOR COMPLETE INSTALLATION AND tREPAIR PART INFORMATION.

- Place the HAND SHOWER into the SLIDE BAR after all hose connections are made. The installation of the SHOWER SYSTEM KIT is now complete.
- Turn on water supplies and check all fuctions of of the SHOWER SYSTEM KIT. Check for any leaks.

1660767.002 HAND SHOWER (2.5 GPM)

1660766.002 HAND SHOWER (1.5 GPM)
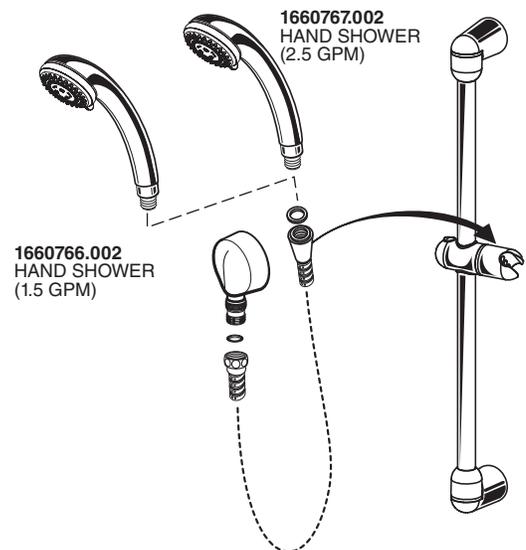
CARE INSTRUCTIONS:

DO: *SIMPLY RINSE THE PRODUCT CLEAN WITH CLEAR WATER. DRY WITH A SOFT COTTON FLANNEL CLOTH.*
DO NOT: *DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.*

M985022 (5/19)