

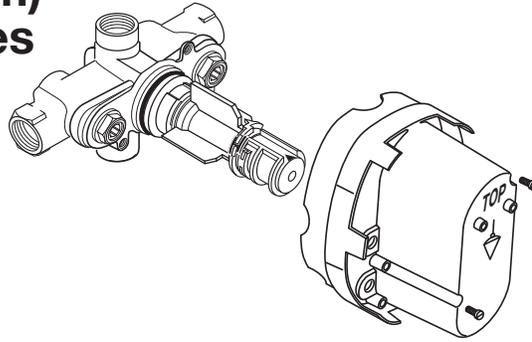
INSTALLATION INSTRUCTIONS



3/4" (19 mm) & 1/2" (13 mm) Thermostatic Mixing Valves

1/2" - Model D35000510

3/4" - Model D35000530



Thank you for selecting DXV. To ensure that your installation proceeds smoothly, please read these instructions carefully before you begin.

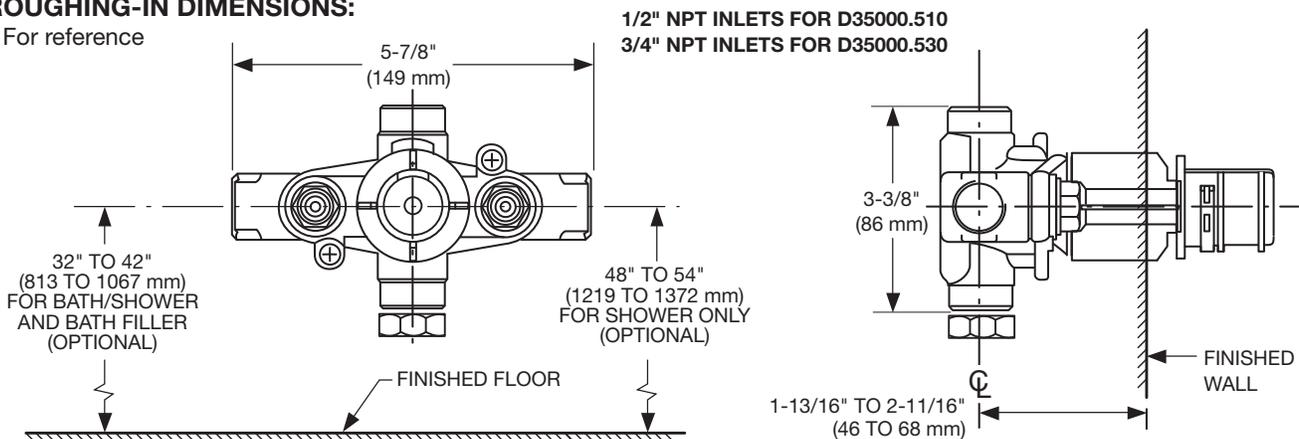
RECOMMENDED TOOLS AND MATERIALS

Most of the procedures require the use of common tools and materials, which are available from hardware and plumbing, supply stores. It is essential that the tools and materials be on hand before work is begun.

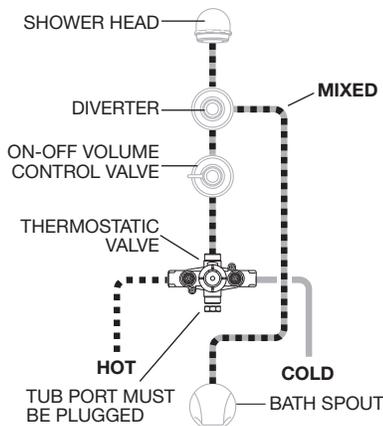


ROUGHING-IN DIMENSIONS:

• For reference

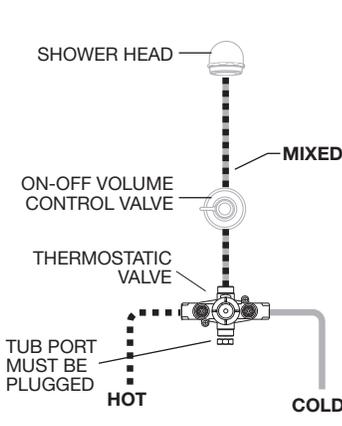


INSTALLATION OPTIONS



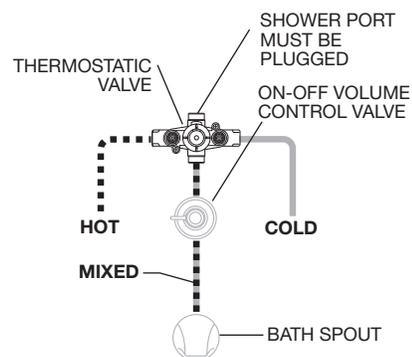
BATH/SHOWER INSTALLATION

IMPORTANT: WHEN USING THIS VALVE AS A BATH/SHOWER, A SEPARATE DIVERTER AND ON-OFF VOLUME CONTROL VALVE IS REQUIRED FOR PROPER OPERATION.



SHOWER INSTALLATION

IMPORTANT: WHEN USING THIS VALVE AS A SHOWER, AN ON-OFF VOLUME CONTROL VALVE IS REQUIRED FOR PROPER OPERATION.



BATH FILLER INSTALLATION

IMPORTANT: WHEN USING THIS VALVE AS A BATH FILLER, AN ON-OFF VOLUME CONTROL VALVE IS REQUIRED FOR PROPER OPERATION.

SAVE FOR FUTURE USE

1 ROUGHING-IN THE VALVE

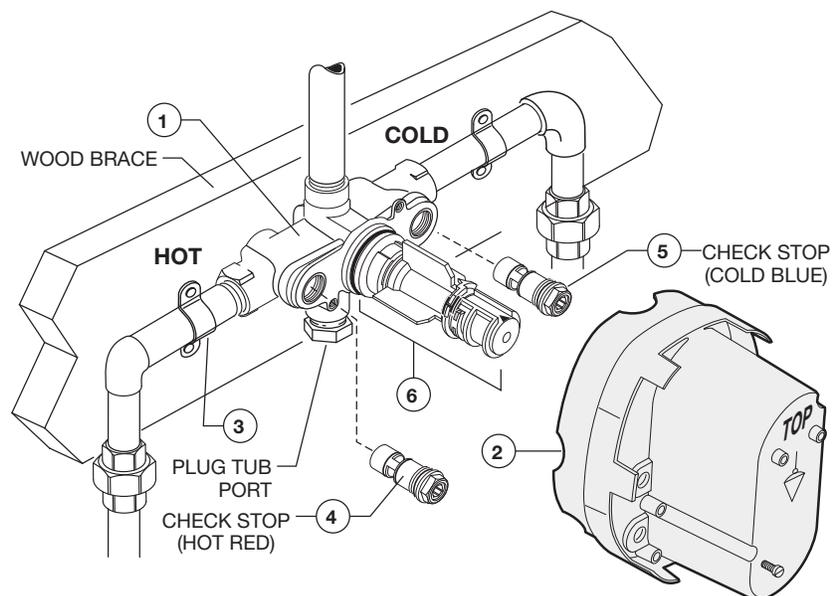
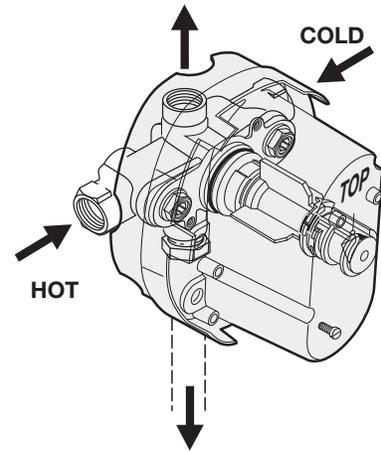
CAUTION Turn off hot and cold water supplies before beginning.

- Prepare water supplies per ROUGHING-IN DIMENSIONS. Make sure the finished wall is between the minimum 1-11/16" (43 mm) and maximum 2-1/2" (64 mm) rough dimension.
- Install VALVE (1) at indicated height and depth. Make sure the "TOP" marking on the PLASTER.
- GUARD (2) is up. For support, use pipe BRACES secured to wooden braces. Connect the hot and cold water supplies. Assemble all connecting pipes. Close off the tub port if it is not needed using a commercially available pipe plug. Connections are 3/4" (19 mm) NPT.

IMPORTANT! INSTALL ANY REQUIRED SHUT OFF OR DIVERTER VALVE INTO THE PIPING SYSTEM.

WARNING DO NOT SOLDER DIRECTLY TO THE VALVE BODY (1); THIS WILL DAMAGE THE TEMPERATURE CONTROL ELEMENT AND CHECK STOP VALVES.

- Remove PLASTER GUARD (2) if still installed.
- If the CHECK STOPS (4,5) were removed during installation, ensure the hot and cold CHECK STOPS (4,5) are not reversed. The hot CHECK STOP (4) has a red top and the cold CHECK STOP (5) has a blue top.
- CHECK STOPS (4,5) are supplied in the open position. Close using 5/32" (4 mm) hex wrench to pressure test and to check for leaks.
- To flush lines, remove the CHECK STOPS (4,5) and run water. If desired, the TEMPERATURE CONTROL UNIT can be removed. Reinstall CHECK STOPS (4,5) and CONTROL UNIT (6), if it was removed.
- Reassemble PLASTER GUARD (2) and FINISH WALL.
- **Beware of Freezing.** No water should remain in the MIXING VALVE if freezing is a possibility. Remove the CHECK STOPS (4,5) to completely drain the MIXER UNIT (1).



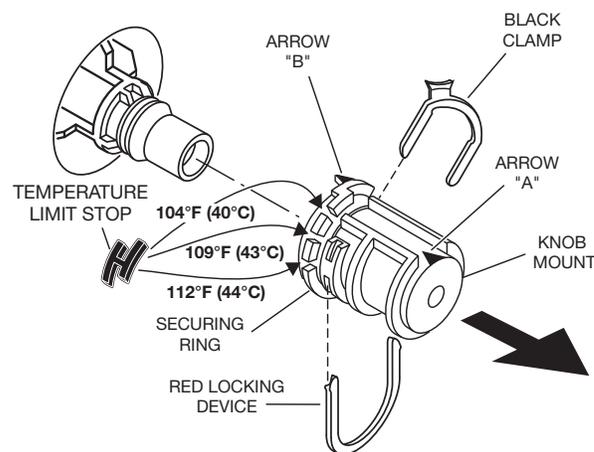
2 BACK TO BACK INSTALLATION OR TRANSPOSED SUPPLY PIPING

If the system is delivering All Hot or All Cold and no mixed water, the pipes are probably transposed.

- Should the hot and cold water supply pipes have been transposed making adjustment impossible, proceed as follows:
 - Shut off water at main supply.
 - Remove check stops and reinstall them transposed.
- Important note: RED CHECK STOP (4) is now on the right of the mixer body and the BLUE CHECK STOP (5) is now on the left.
- Turn the water supply back on and perform the temperature calibration in step 3.

3 TEMPERATURE CALIBRATION

- Unscrew PLASTER GUARD SCREWS and remove PLASTER GUARD.
- Check that arrow marking B points vertically upwards. If not, push the BLACK CLAMP on the SECURING RING to the right, pull off KNOB MOUNT and reinstall KNOB MOUNT with arrow "B" pointing upwards.
- The maximum mixed water temperature is set at 109° F at the factory. This setting can be changed if desired.
- Remove the TEMPERATURE LIMIT STOP (H shaped Black Plastic part). Reinstall it at the desired notch as indicated in the diagram to limit the maximum mixed water temperature to 104°F or 112°F.
- For 100° F adjustment, turn the water supply on. Turn KNOB MOUNT until the spout temperature is 100° F. Check that arrow marking A on the KNOB MOUNT still points upward after adjusting the thermostat to 100° F. If not, pull out the RED LOCKING DEVICE. Remove KNOB MOUNT by pulling it towards you while standing directly in front of the valve.
- Reinstall the KNOB MOUNT so that the arrow marking A points upwards.
- Reinstall RED LOCKING DEVICE.

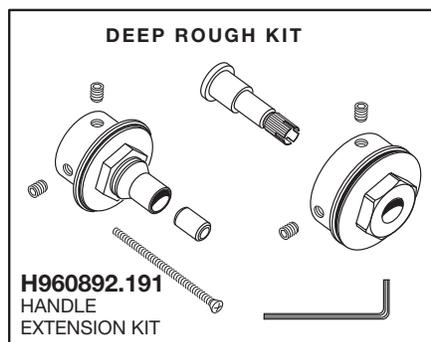
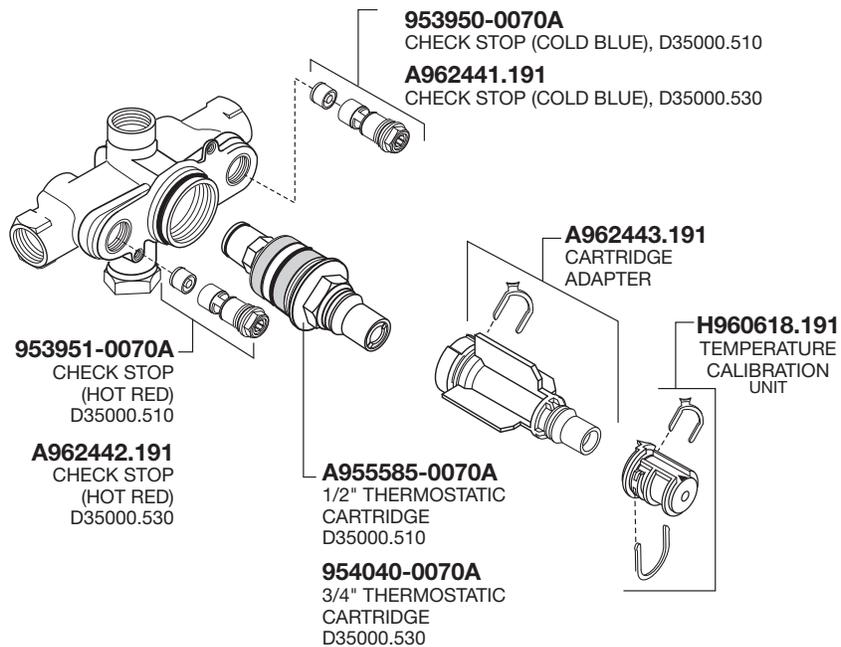




3/4" (19mm) & 1/2" (13mm) Thermostatic Mixing Valves

MODEL NUMBERS

D35000510
D35000530



In the United States:

DXV
One Centennial Avenue
Piscataway, New Jersey 08855
Attention: Director of Customer Care

For residents of the United States, warranty information may also be obtained by calling the following toll free number: (800) 227-2734
www.DXV.com

In Canada:

DXV
5900 Avebury Road
Mississauga, Ontario
L5R 3M3
Canada

Toll Free: 1-800-387-0369
Local: 905-306-1093
Fax: 1-800-395-1498
www.DXV.ca

In Mexico:

DXV
Via Morelos 330
Col. Santa Clara Coatitla
Ecatepec, Estado de México 55540

Toll Free: 01-800-8391200
www.DXV.mx