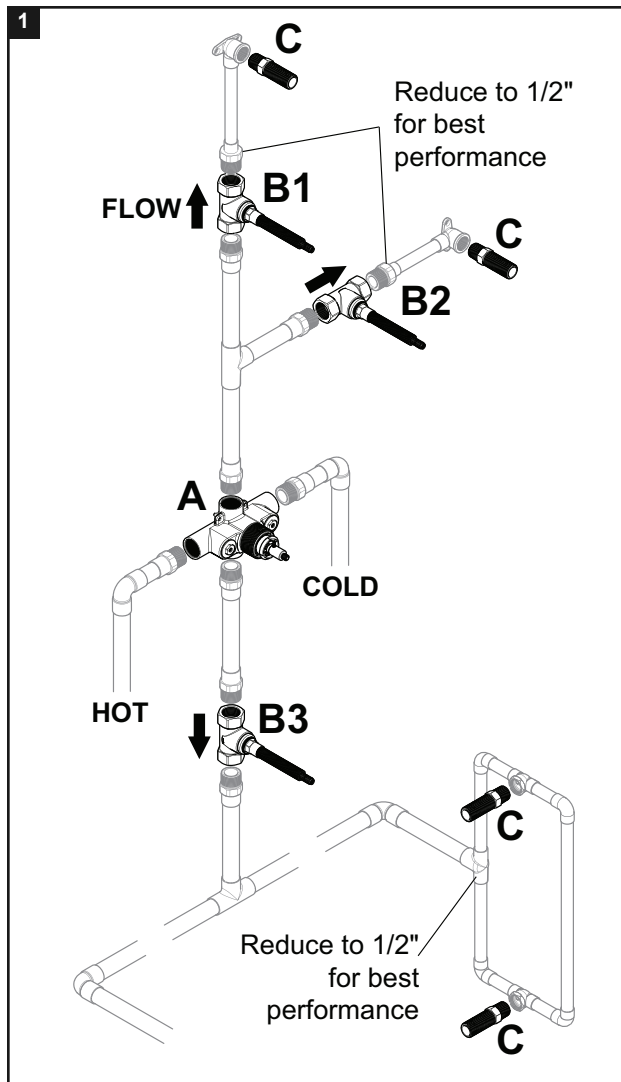


**3/4" THERMOSTATIC MIXER
4DRBR000**

Toll Free: 1 800 461 5901
Tel: 905 851 6781 / Fax: 905 851 8031
Email: customer_service@rubinet.com



BEFORE YOU BEGIN

READ ALL DIRECTIONS PRIOR TO INSTALLATION. ANY ALTERATIONS MADE TO THE VALVE OR CARTRIDGE AND FAILURE TO FOLLOW THESE INSTRUCTIONS MAY CAUSE DAMAGE OR IMPROPER INSTALLATION WHICH WILL NULLIFY THE WARRANTY AS WELL AS INCREASE THE RISK OF SCALDING.

- Observe and adhere to all local building and plumbing codes.
- Shut off the main water supply.
- The 4DRBR000 thermostatic mixer valve requires a 4ERBR000 volume control/shut-off valve for each bath and/or shower outlet. Each volume control/shut-off valve should be installed a minimum of 7" from the 4DRBR000 mixer valve in any direction.
- A 3/4" NPT plug must be installed in any unused outlets.
- The mixer valve contains plastic and rubber components. **DO NOT** sweat or braze directly to the valve. **DO NOT** apply excessive heat to the valve when making solder connections. The inlet and outlet threaded joint connections should be made using plumbers tape or approved liquid sealant. **DO NOT** use an oil-based or non-setting compound.
- A mounting jig is attached to the mixer valve. Do not remove it until instructed to do so. Trace the outline of the jig for the cut-out in the wall material.
- Use the jig to determine the depth of the valve in the wall. The finished wall must be within the **MIN-MAX** depth indicated on the mounting jig. **Finished Wall** refers to the ultimate finished surface, Tile, Marble etc.
- It is recommended that the pipes be flushed clean prior to installation, in order to avoid problems with debris later.

TYPICAL INSTALLATION FIG. 1

- A** Thermostatic Mixing Valve
- B1** Volume Control/Shut-Off Valve for Overhead Shower
- B2** Volume Control/Shut-Off Valve for Slide Bar/Hand Shower
- B3** Volume Control/Shut-Off Valve for Tub Spout/Body Jets
- C** 1/2"NPT x 1/2"NPSM x 3" Nipple

ROUGH-IN NOTES

Use thread sealant and connect the hot and cold water supply to the inlet ports. Make sure that the corresponding water supply lines are connected to the correct inlet port, **HOT on the left and COLD on the right (Fig. 1)**. Connect outlet ports in the same way and plug any unused ports.

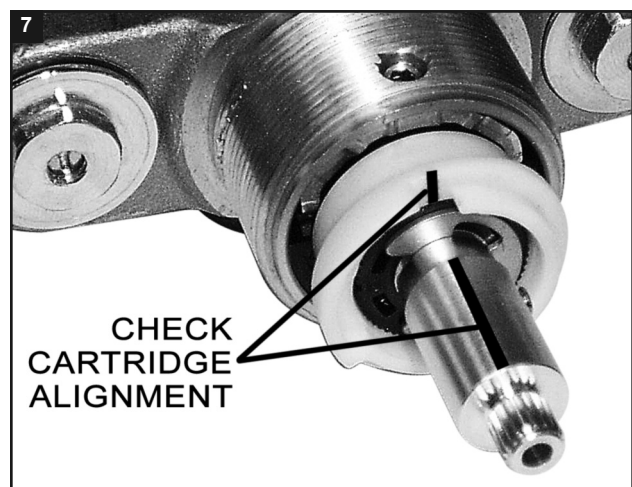
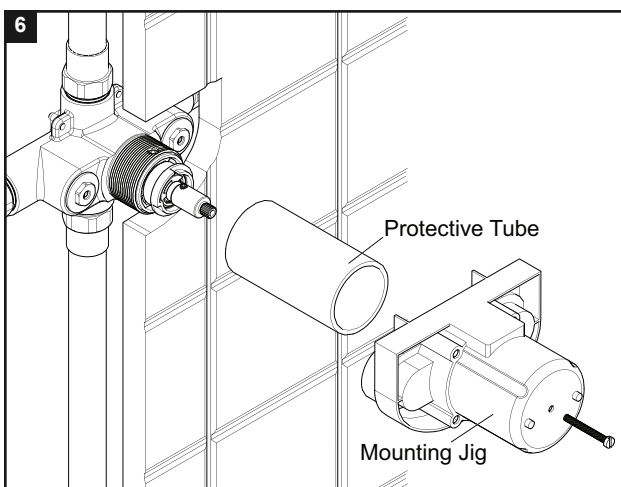
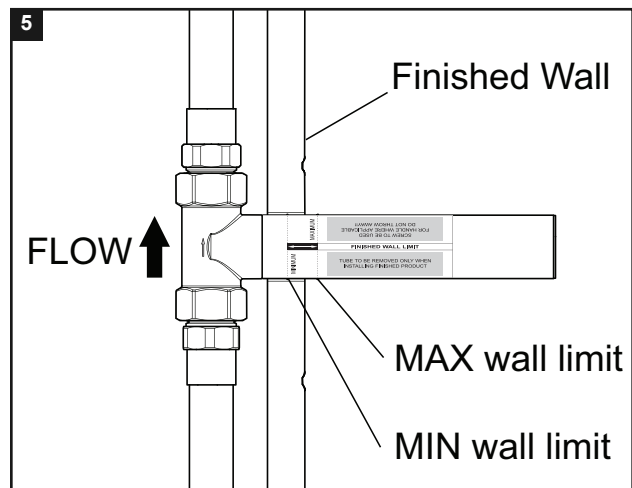
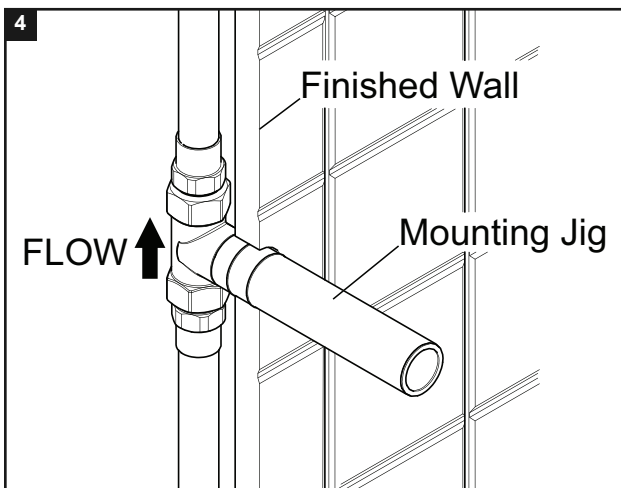
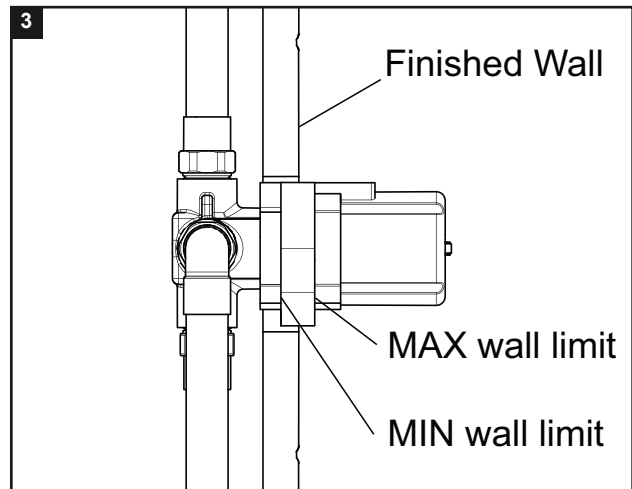
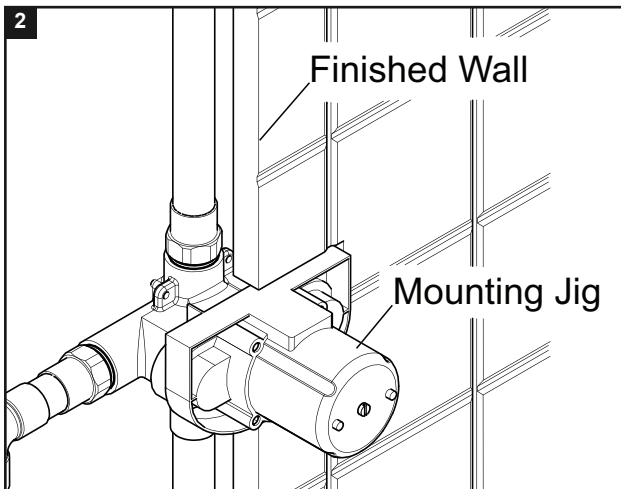
The 4DRBR000 mixing valve does not contain an integral volume control/shut-off valve. You must install a separate valve (4ERBR000) downstream from the mixing valve for each bath and/or shower outlet.

Each volume control/shut-off valve should be installed a minimum of 7" from the 4DRBR000 mixer valve in any direction.

IMPORTANT! Secure all piping to the framing.

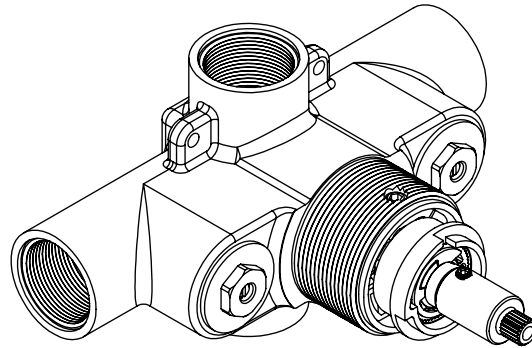
Use the mounting jigs to determine the depth of each valve in the wall. The finished surface of the wall must be within the MIN-MAX (Fig. 3 & 5) depth shown on the mounting jig.

When the installation is complete, run water through the entire system. Remove the mounting jig to inspect the mixer valve and cartridge alignment (Fig. 6 & 7).



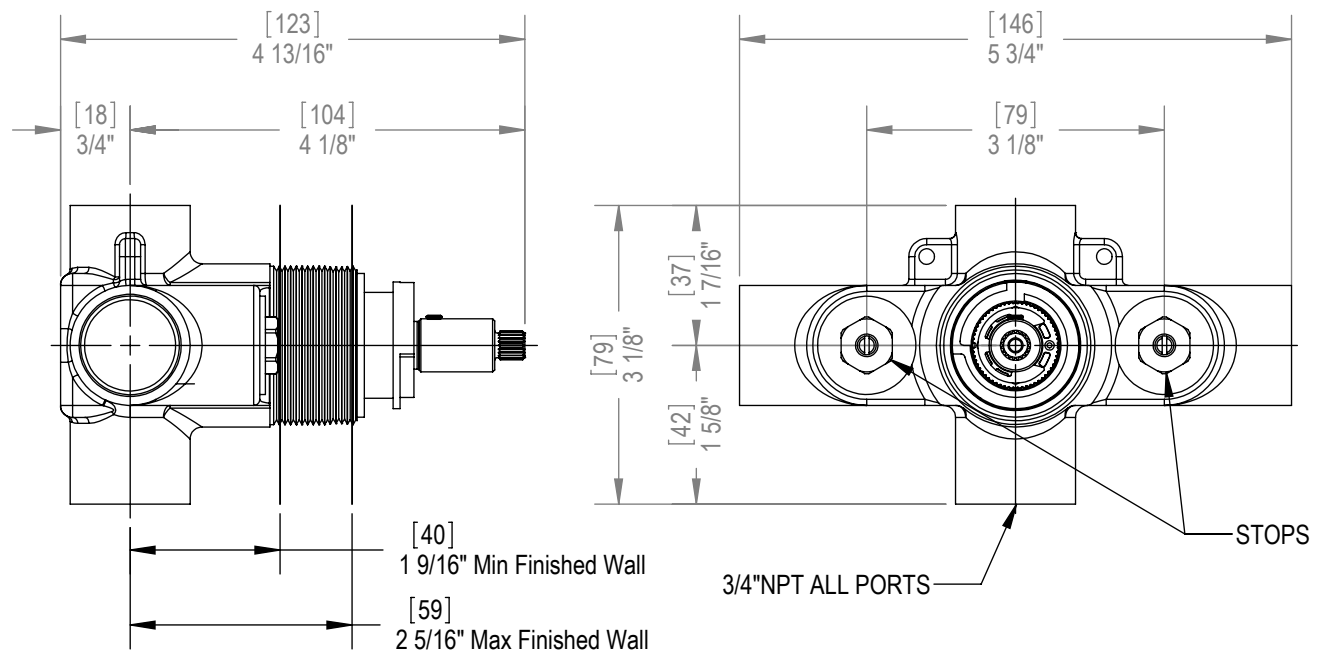
Features

- Brass construction
- Wall mount
- Single handle control
- High temperature limit stop
- Temperature range from 15°C (59°F) to 60°C (140°F)
- Factory preset at 38°C (100.4°F)
- 3/4"NPT connections
- Filter screens
- Less Volume Control



3/4" Thermostatic Mixer

Model: 9XVLVTCBA

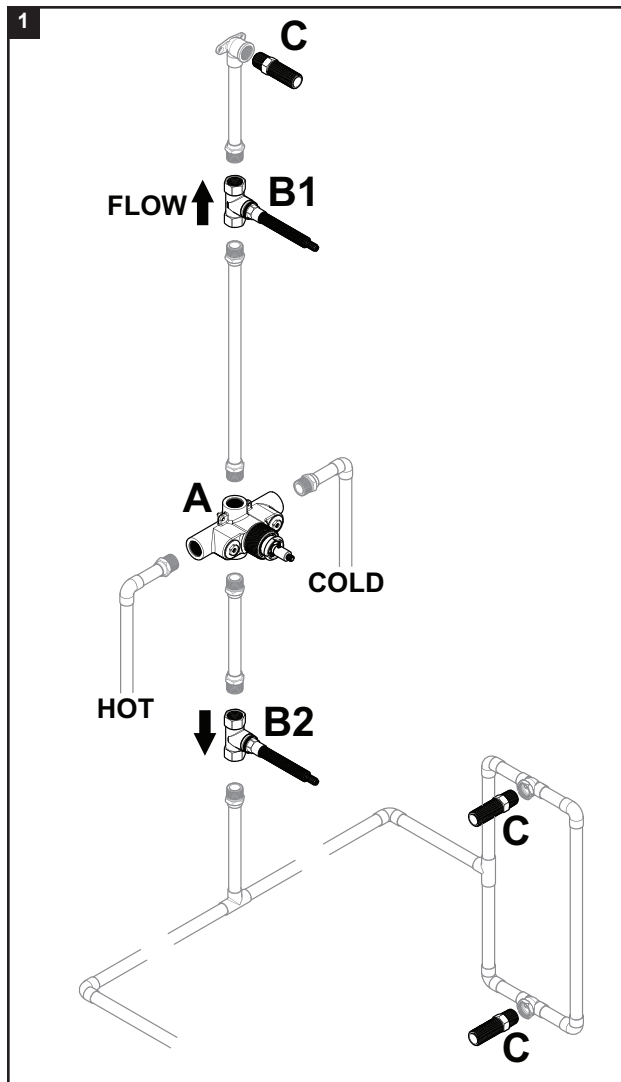


Critical Dimensions

THE **Rubinet** FAUCET COMPANY
the jewel of the bath

**1/2" THERMOSTATIC MIXER
4MRBR000**

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- Observe and adhere to all local building and plumbing codes.
- Shut off the main water supply.
- The 4MRBR000 thermostatic mixer valve requires a 4KRBR000 volume control/shut-off valve for each bath and/or shower outlet. Each volume control/shut-off valve should be installed a minimum of 7" from the 4MRBR000 mixer valve in any direction.
- A 1/2" NPT plug must be installed in any unused outlets.
- The mixer valve contains plastic and rubber components. **DO NOT** sweat or braze directly to the valve. **DO NOT** apply excessive heat to the valve when making solder connections. The inlet and outlet threaded joint connections should be made using plumbers tape or approved liquid sealant. **DO NOT** use an oil-based or non-setting compound.
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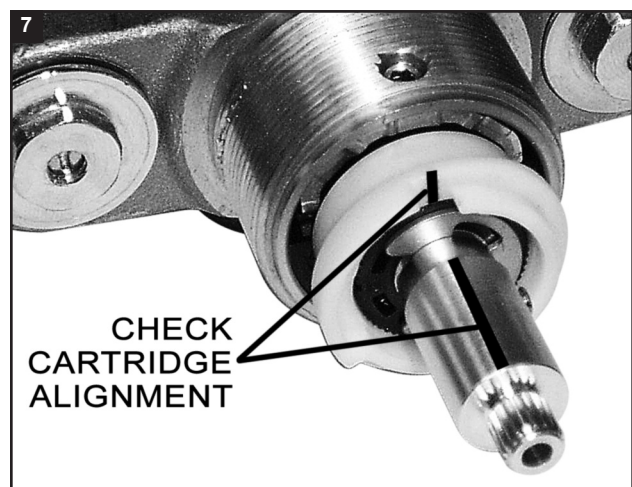
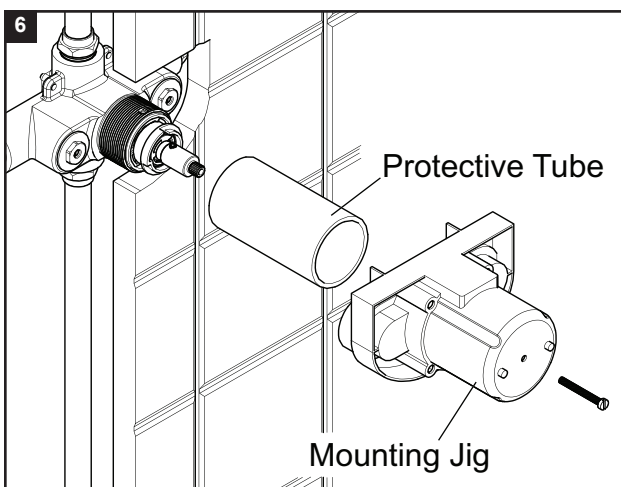
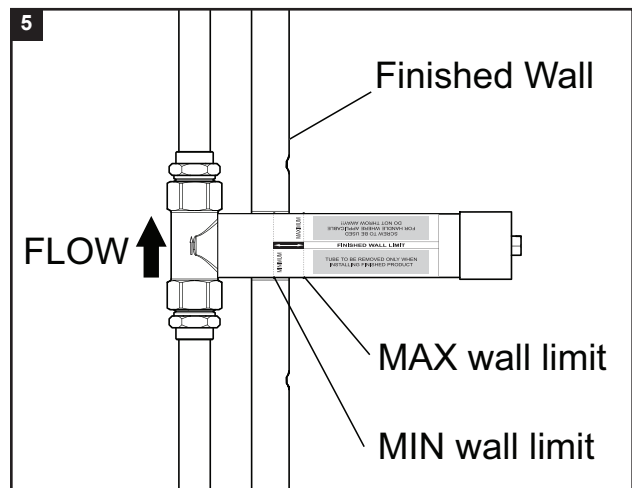
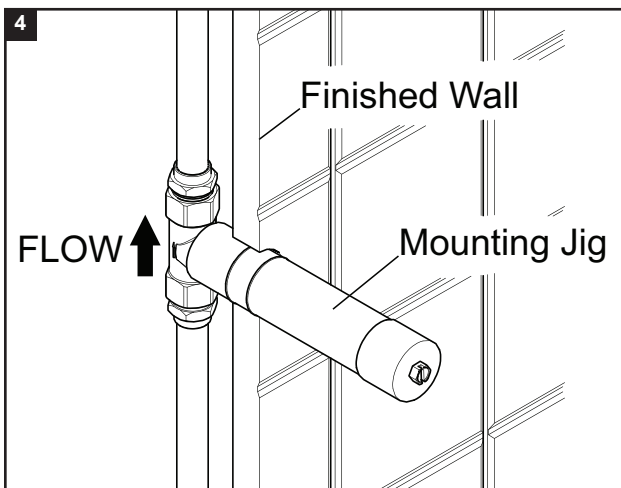
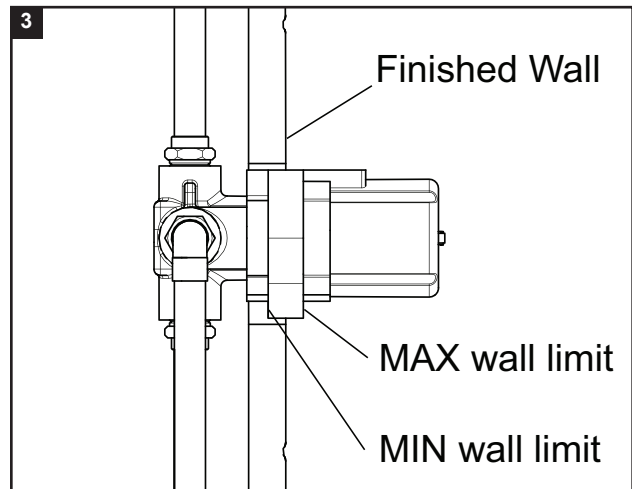
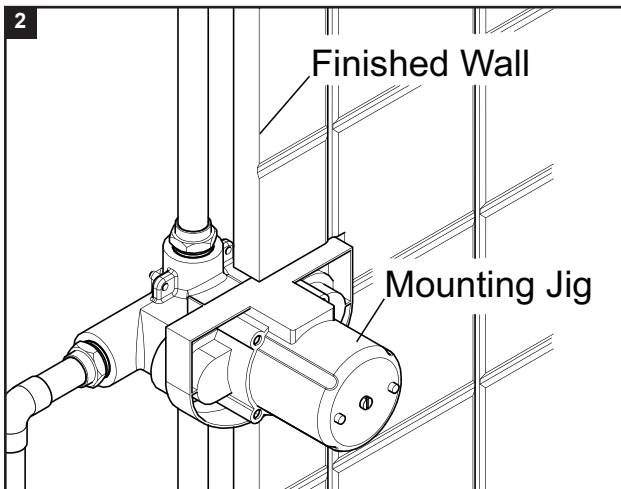
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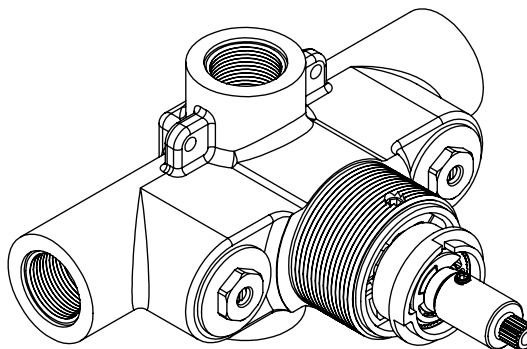
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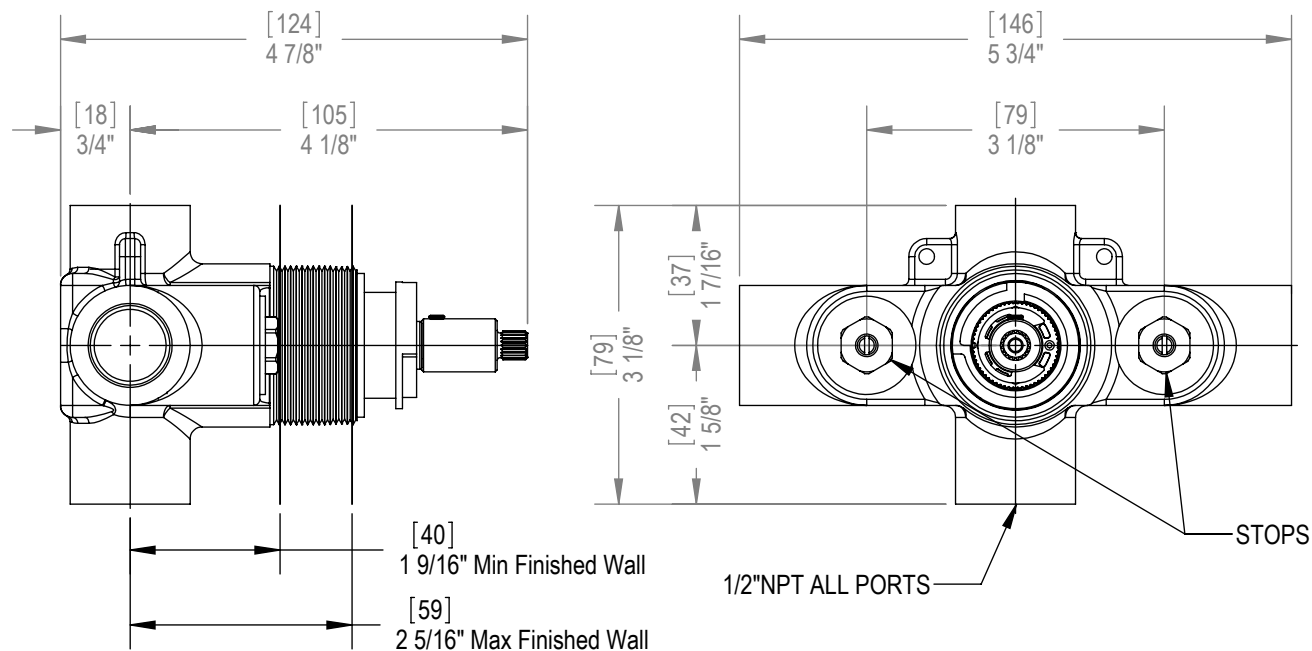
Features

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- Wall mount
- Single handle control
- High temperature limit stop
- Temperature range from 15°C (59°F) to 60°C (140°F)
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- 1/2"NPT connections
- Filter screens
- Less Volume Control



1/2" Thermostatic Mixer

Model: 9XVLVTCCA



Critical Dimensions