

Installation Instructions

1/2" & 3/4" Stop Valve / Volume Control

Model: I-606H, I-607H, I-606HT, and I-607HT

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We Recommend Installation by a Professional Plumbing Contractor

Note: Use plumbers tape or equivalent to seal all threaded port joints. This valve is designed to fit in a 2" X 4" stud wall (or thicker) installation. Use stem extension kit #I-384 (sold separately) if valve installed is too far away from the finished wall.

Warning: To prevent severe damage to valve, any solder/braze process must be performed a minimum of 4" from ports, otherwise cartridge **must** be removed from valve body.

1. Position valve BODY 3" – 3 1/2" from inlet/outlet centerline of valve BODY to Finished Wall surface as shown in **Fig. 1** and **Fig. 2** below. **Important:** Water flow direction is indicated by "ARROW" on side of BODY.

2. Support BODY to stud framing using a cross brace and strap tape or equivalent. Check the horizontal and vertical level of valve BODY by placing bubble level on across each STEM. Also, ensure each STEM is perpendicular to the Finished Wall. Make any necessary adjustments.

4. Utilizing 1/2" copper supply pipe and 1/2" Socket End x 1/2" NPT Male Pipe Adapters to sweat water supply line to inlet of valve BODY, and sweat the outlet of valve BODY to outlet line fitting. If sweating within 4" from valve inlet/outlet, remove cartridges during this process.

Note : If cartridge is removed during installation, re-torque to factory specification of 14-16 ft-lbs.

5. **FOR VALVE MODEL I-606HT and I-607HT ONLY.** Use lever handle from Control Handle Trim to adjust stiffness of stem rotation by tightening or loosening TORQUE NUT (shown in **Fig. 2**). Check stiffness by placing lever handle in horizontal position onto cartridge STEM. Handle should not rotate under its own weight. (Note: Water supply to valve should still be off; water pressure may affect the stiffness of stem.)

6. With STEM in closed position, turn on water supply, pressurize system and check for leaks. Next, position a bucket in front of outlet line fitting, use pliers to slowly open the valve. This is to flush out any debris and check for any blockage within the valve. Allow the water to flow for at least one minute. Close the valve and carefully inspect for leaks, with the water pressure on. Temporary place a 1/2" or 3/4" NPT Plug (not included) into outlet line fitting and open the valve to check for any leak between BODY and outlet line fitting. Repair as needed. When complete checking, remove the temporary 1/2" or 3/4" NPT Plug.

7. Installation for Stop Valve / Volume Control is now completed. Proceed to complete Finished Wall surface (**Important:** the opening of the Finished Wall around the cartridge has to be a round diameter between 1 1/8" – 1 1/4" and concentric with each cartridge STEM to ensure enough clearance in case cartridge has to be removed for future service.) To install Control Handle Trim, follow installation instruction provided with the trim product.

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NWP-1-606H

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Fig. 1: For Valve Model 1-606H and 1-607H

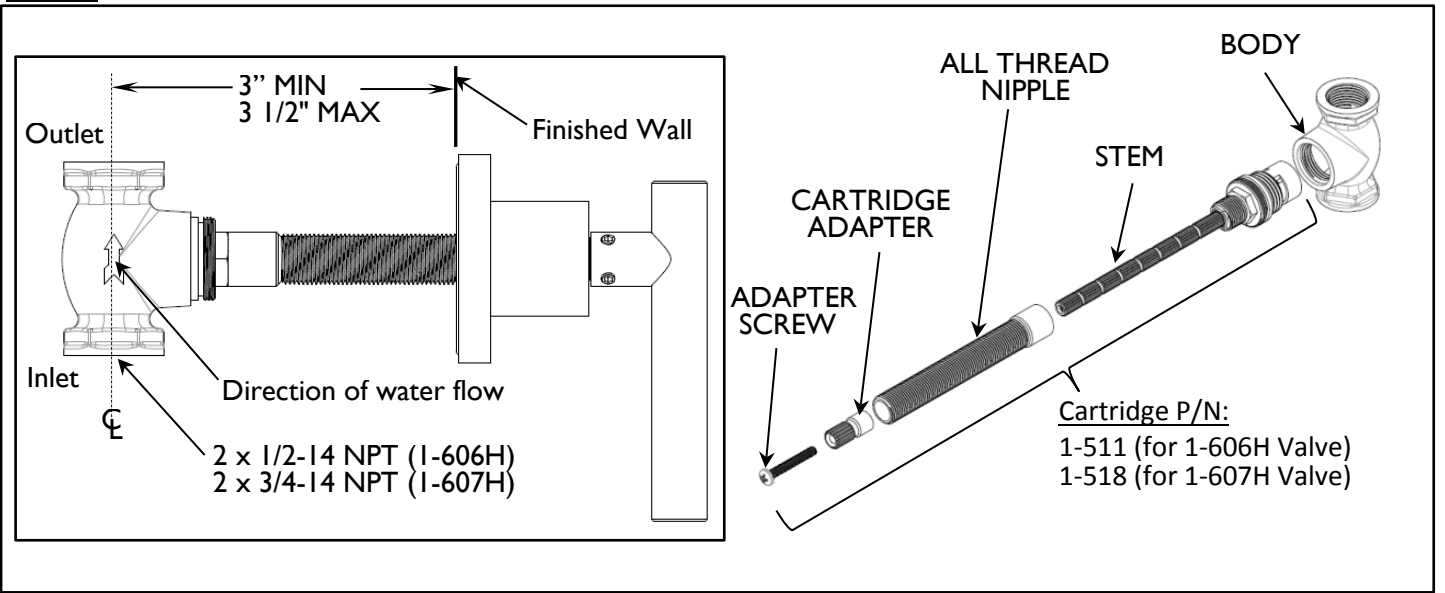


Fig. 2: For Valve Model 1-606HT and 1-607HT

