



OPTICA II SHOWER MIXER VALVE KIT INSTALLATION INSTRUCTIONS

1. Determine the location and height of the mixer/diverter valve. The valve should be mounted between the studs of the shower area. **IMPORTANT:** If the mounting bracket is not used, the finished surface of the wall must be a minimum of 1-1/8" from the end of the diverter housing. This is to allow full travel of the spring loaded diverter handle. (See FIG A).
2. Install and connect hot water, cold water, and bath and shower lines. Use 1/2" NPT fittings for hot and cold water supply and shower lines. Use 3/4" NPT for bath fillspout line and reduce if necessary to 1/2" line (not provided). (See FIG B).
3. Secure the valve and plumbing to cross bracing for support. The cross bracing should position the rim of the diverter housing to a set depth from the studwall. **Remember,** if mounting bracket is not used, allow a minimum of 1-1/8" from the finished wall surface to the rim of the diverter housing.
4. Drill a 1-3/8" diameter hole and a 2-1/2" diameter hole for valve clearance through the shower surround or wallboard and finish surface material on 2-3/8" centers. (See FIG B).
5. **Bracket installation only:** Where there is rear surface access to complete plumbing at a thin-wall panel, the bracket provided with this kit can be utilized. Drill (4) 0.18" diameter holes through the panel for mounting the bracket. (Follow measurements and steps shown in FIG C and D).
6. Remove the plastic protective sleeves from the valve after finishing material is applied. Caulk around each hole to completely seal the openings between the valve and finished wall. Use a 100% silicone sealant.
7. Apply a bead of sealant to each of the four raised rib circles on the back of the face plate. Push the face plate onto the finished wall. Allow silicone to set.
8. Install the push button diverter handle and the ON/OFF volume handle. (See FIG E).

WALLBOARD AND FINISHING MATERIAL METHOD

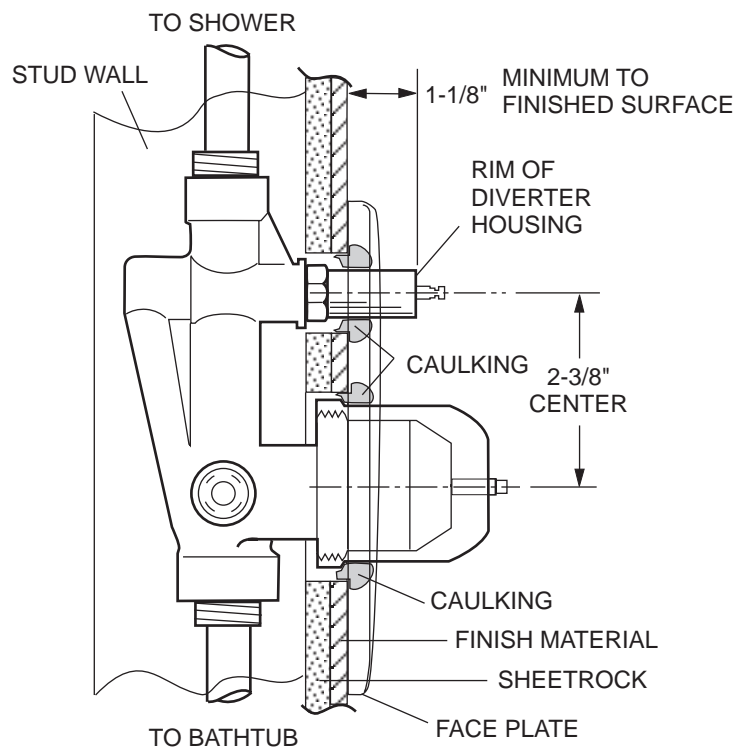


FIG A

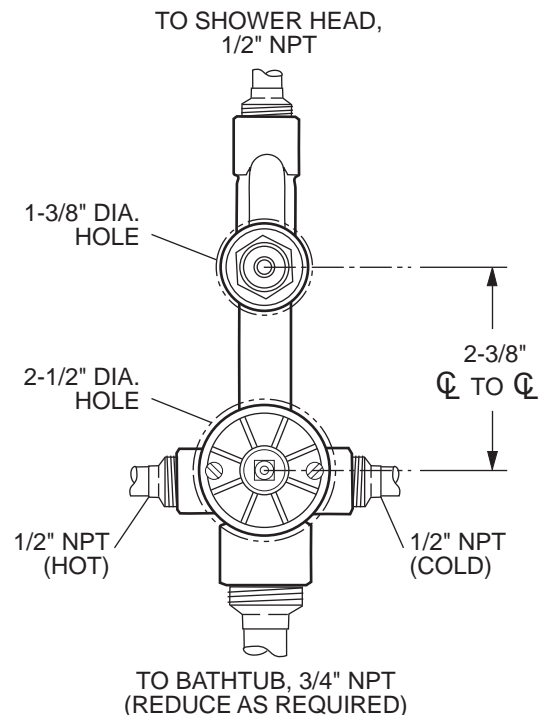


FIG B

SHOWER SURROUND METHOD (BRACKET INSTALLATION)

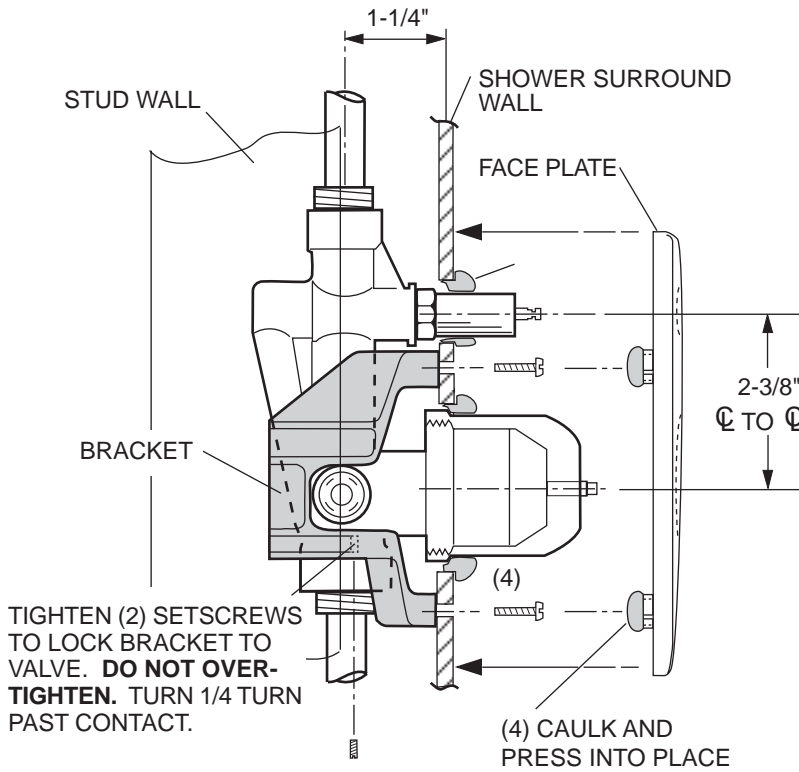


FIG C

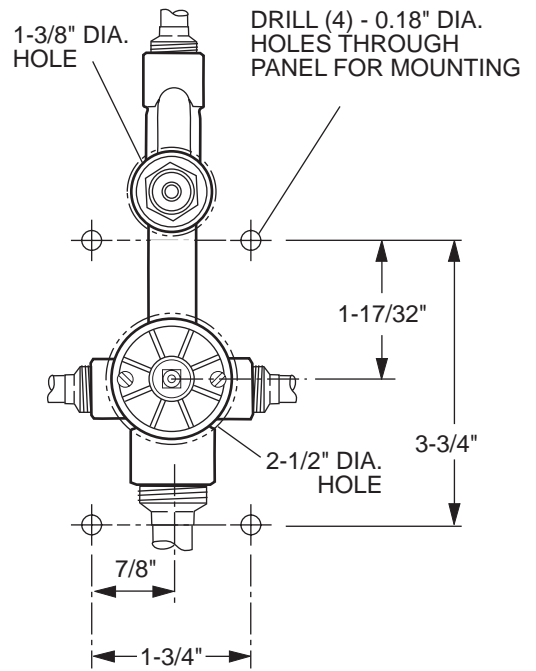


FIG D

HANDLE INSTALLATION

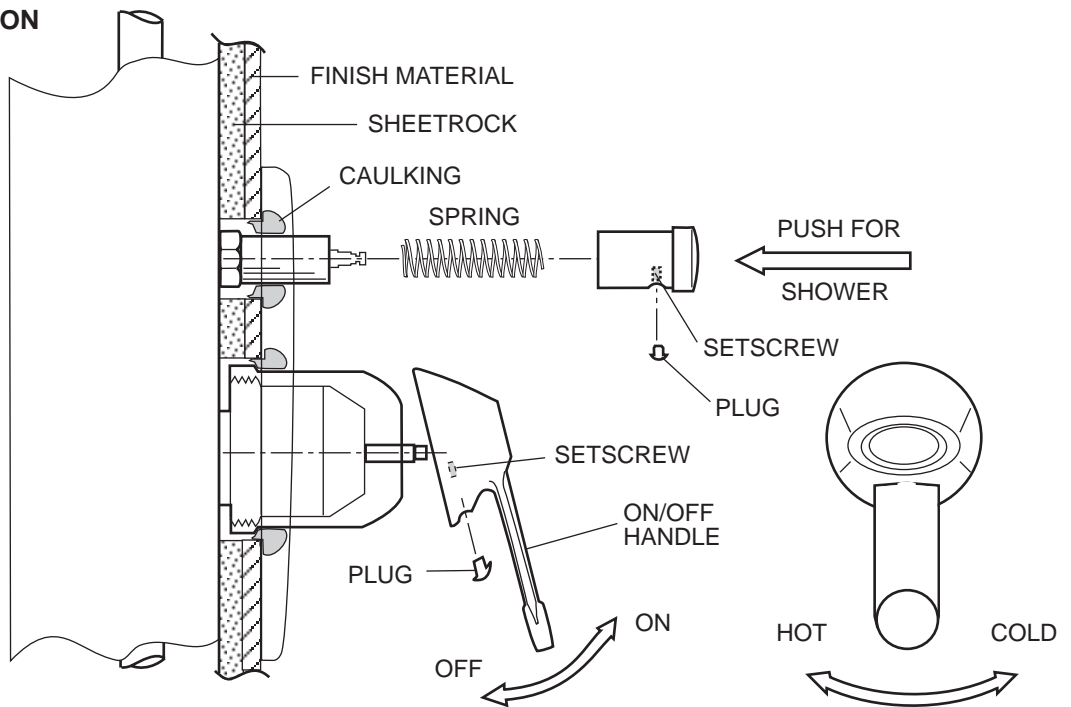


FIG E

