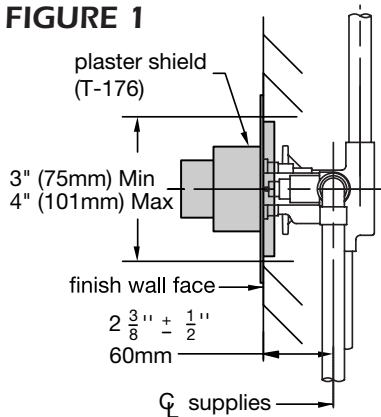


## INSTALLATION OF: SHOWER SYSTEMS AND TUB/SHOWER SYSTEMS

Tools required for installation of this product are: Phillips screw driver, tubing cutter, teflon tape, soldering equipment, adjustable wrench and channel-lock pliers.

1. Install piping and fittings with valve body as shown in Figure 2 or 3. **IMPORTANT: Valve rough-in is 2-3/8" +/- 1/2" from CENTERLINE OF SUPPLIES TO FACE OF FINISH WALL.** Install so that line indicated on rough-in plaster shield (T-176) on valve is flush with finish wall as shown in Figure 1 (See Figure 5 for fiberglass wall installation).

**FIGURE 1**



### Tub/Shower System (Figure 2) Model BP-56-2, 25-2

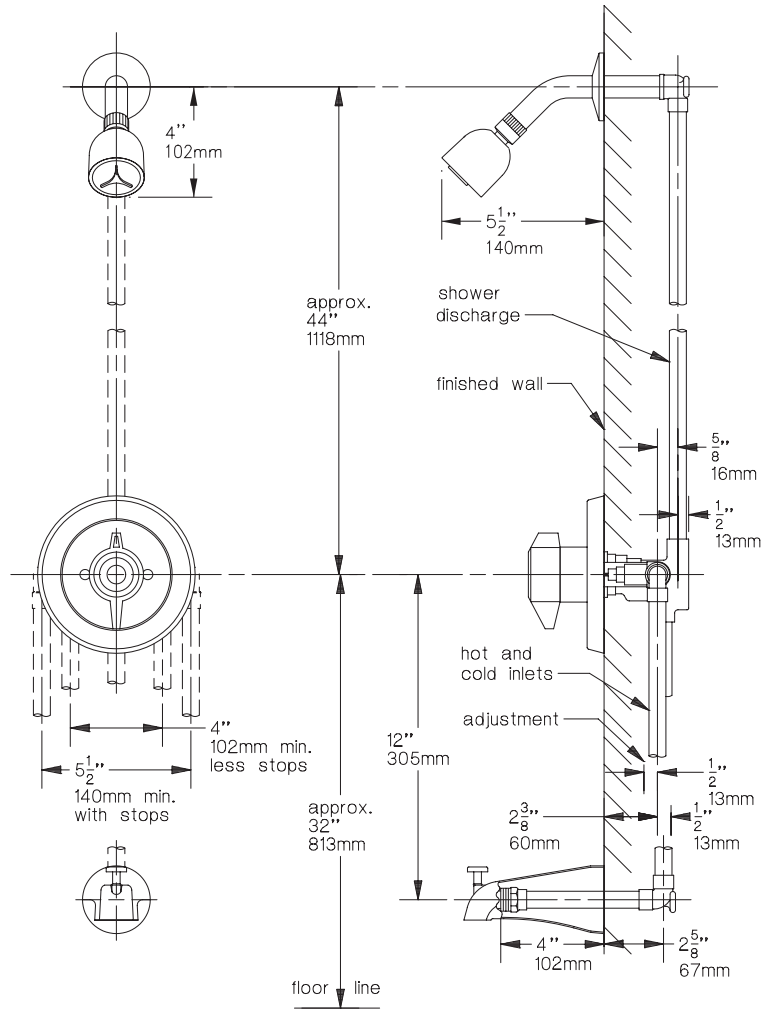
Pipe shower head from outlet marked "S" and to tub spout from outlet marked "T". The valve in this system has a built-in choke for use with a diverter spout. The built-in choke is designed so that it cannot be subject to any back pressure, other than is imposed by the spout supplied with this package. **DO NOT SUBSTITUTE OTHER OUTLET ACCESSORIES FOR THE TUB SPOUT (SUCH AS HOSE AND SPRAY, SHOWER HEAD, BODY SPRAY, LEDGE SPOUTS, ETC.) OR ANY PIPE ADAPTER OR ADDITIONAL FITTINGS (SUCH AS PEX, ETC.) THAT CAN CAUSE BACK PRESSURE THROUGH THE VALVE.** Install HOT on left and COLD on right according to valve markings.

### Tub or Shower System (Figure 3) Model BP-56-1, 25-1

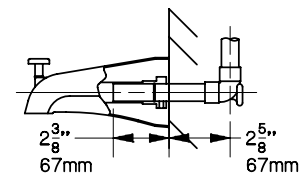
**Shower System:** Pipe shower head from outlet marked "S". Install either the included copper sweat or 1/2"-14 NPT plug (pipe sealer required) into the outlet marked "T" (see figure 3A).

**Tub only System:** Pipe tub spout from outlet marked "T". Install either the included copper sweat or 1/2"-14 NPT plug (pipe sealer required) into the outlet marked "S" (figure 3A).

**FIGURE 2**  
Model A: Tub/Shower System (BP-56-2 Shown)



Suffix SS: Slip-on type spout



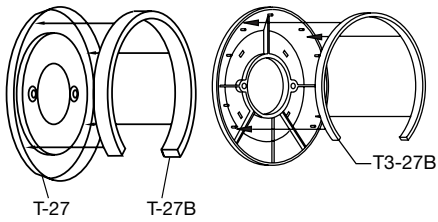
2. When finishing tile wall PULL OFF ENTIRE PROTECTIVE PLASTER SHIELD (T-176). If finish wall obstructs removal of plaster shield, break off outer edge along perforations (if necessary, carefully use sharp blade to facilitate removal). After plaster shield is removed FILL AREA AROUND VALVE BODY WITH GROUT OR PLASTER
3. TURN ON HOT AND COLD SUPPLIES, valve will not operate unless both hot and cold water are turned on.
4. Unscrew dome cover (T-19/20) and tighten packing nut (T-17) for positive frictional resistance to handle turn
5. SET LIMIT STOP SCREW AS DIRECTED AFTER "IMPORTANT" IN BOLD TYPE ON PAGE ONE. Reattach dome cover back onto packing nut.
6. Mount gasket (T-27B), T3-27B onto back of escutcheon with opening at bottom as shown in Figure 4. The use of this gasket should not preclude sealing valve body in wall as directed in installation instruction step #2.
7. ALLOW VALVE TO RUN IN WARM

**FIGURE 4**

POSITION FOR A FEW MINUTES TO

(BP Series)

(2000 Series)



TOTALLY FLUSH SYSTEM. IF SYSTEM IS QUITE DIRTY, REMOVE VALVE SPINDLE OR STOP SPINDLES (IF SO EQUIPPED) TO INSURE PROPER FLUSHING. See service instructions.

**8. BP Series**

Push escutcheon (T-27) with dial plate (T-29CT2) against wall and secure to valve with two escutcheon screws (T-28).

**2000 Series**

Push escutcheon(T3-27) against wall and secure to valve with two escutcheon screws(T3-28). Snap dial emblem assembly(T3-29) onto escutcheon by engaging tabs on dial into the mating recesses in escutcheon.

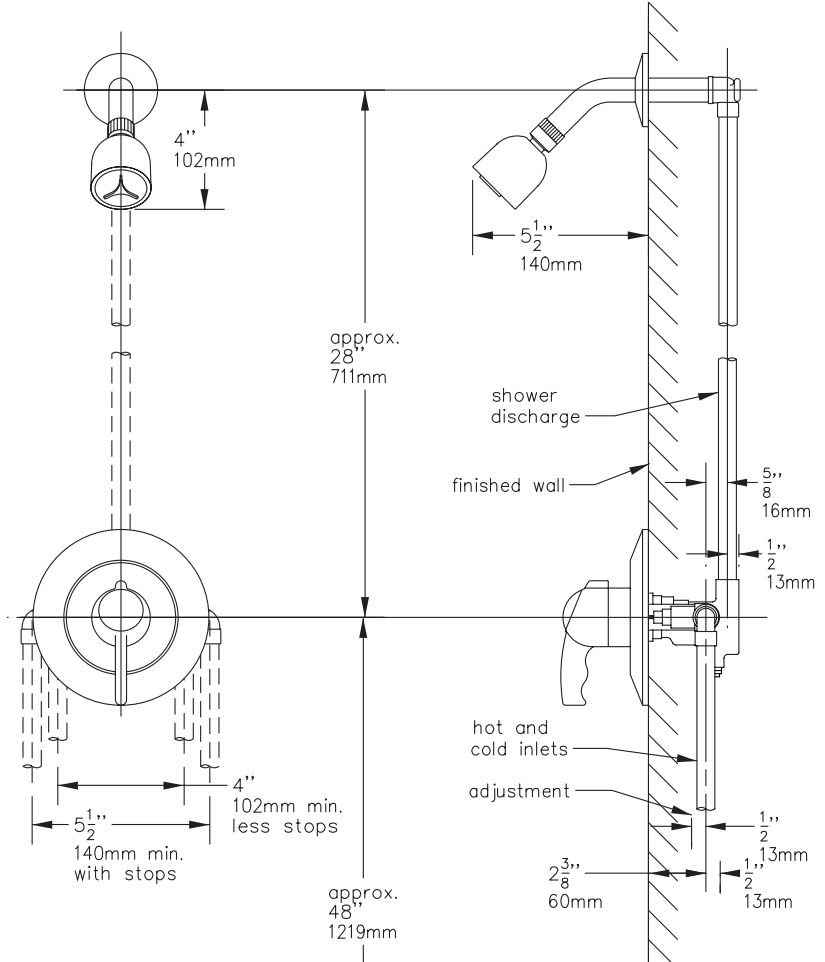
Mount temperature control handle on valve spindle spline as shown in figure 9. Install shower arm, flange and shower head. See Figures 2 and 3.

9. Do not install positive shut-off devices on the outlet of this valve or devices that do not allow the valve to flow at least 1 GPM at 50 psi inlet pressure. EXCEPTION: If a self-closing or slow-closing valve is installed on the outlet, the supplies of the valve must be equipped with checks to eliminate hot to cold by-pass in the event the valve's handle is not turned to off after use. Contact your factory representative or Symmons directly for information on available checks.

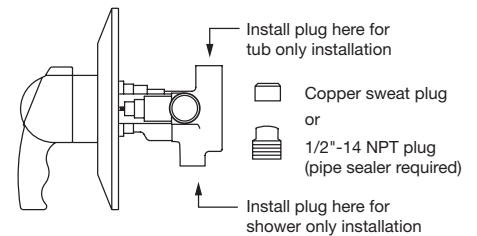
**FIBERGLASS WALL INSTALLATION**

When installing Temptrol® II series valves in fiberglass or panel walls and it is desired to sandwich wall between valve body and escutcheon, cut hole in wall as shown in Figure 5 and mount valve with T-177 wall mounting flange from rear. **Note: It is always recommended to secure valve piping to rough construction and not depend on fiberglass wall for valve mounting security.** On panel walls over 1" thick, install in conventional manner.

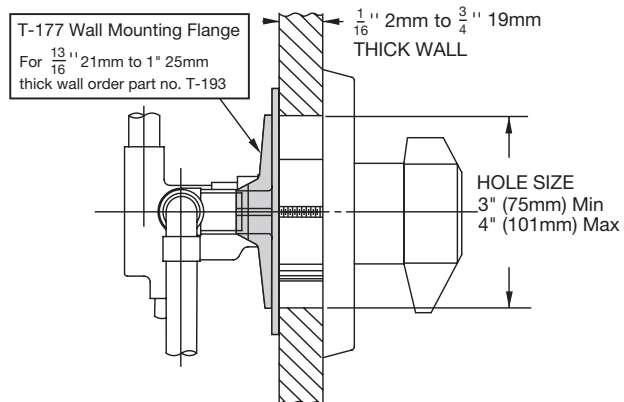
**FIGURE 3**  
**Model B: Shower System (25-1 Shown)**



**FIGURE 3A**



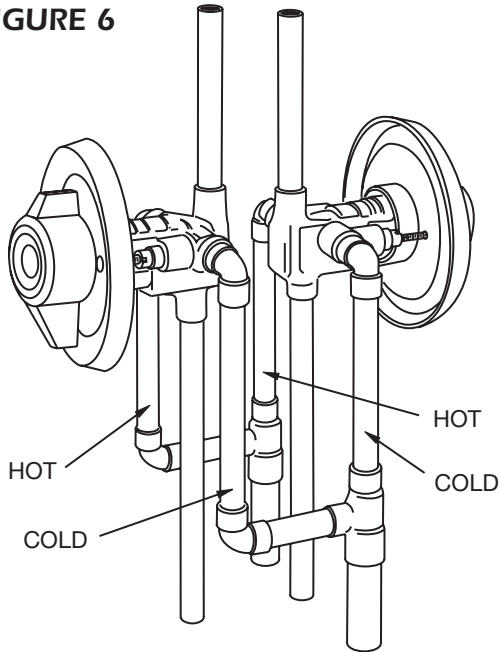
**FIGURE 5**



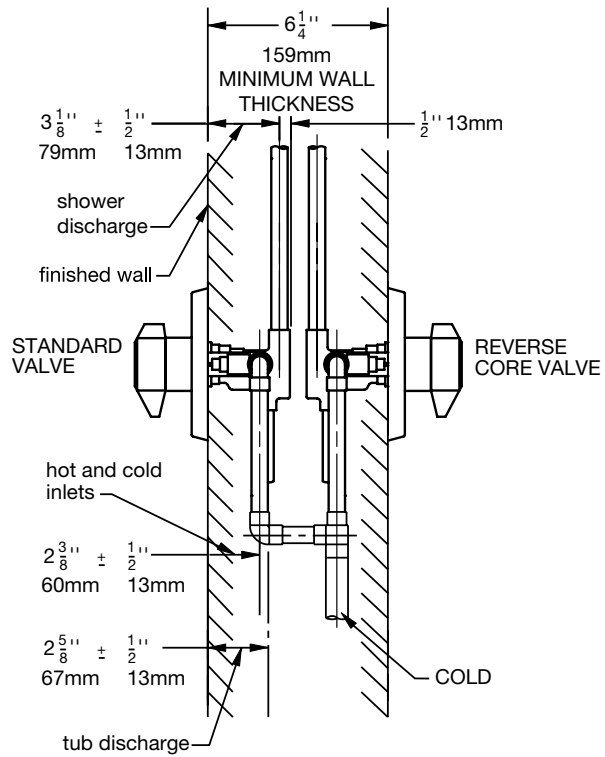
## BACK TO BACK INSTALLATION

To simplify piping on back to back installations use one standard valve (hot on left, cold on right) and one with reverse coring (hot on right, cold on left) as shown in Figure 6 and 7. Order reverse core valve **by adding the suffix REV-X** after the plate number. (e.g. BP-56-2-REV-X Temptrol® II tub and shower unit with reverse coring.)

**FIGURE 6**



**FIGURE 7**  
**Back to Back Installation**



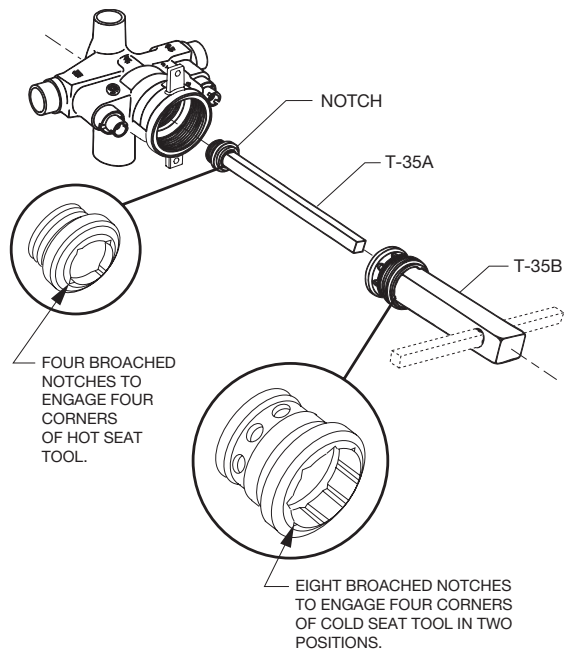
## OPERATION OF VALVE

The main handle of a Temptrol® II series valve is for control of temperature only. From the OFF position, the handle is turned counter-clockwise through a minimum cold position, through a warm and hot position for a maximum turn of approximately one revolution. This allows for wide range of temperature adjustments to suit the requirements of any user.

## CARE AND CLEANING

The lustrous finish on your Temptrol II series valve should be treated with care. It can be readily damaged by improper handling or abusive treatment. To clean the finish wipe gently with a soft damp cloth and blot dry with a soft towel. Use only a mild soap solution if required. **DO NOT USE ABRASIVE CLEANERS. USE OF POLISH, ABRASIVE CLEANERS, SOLVENTS OR ACID CLEANERS WILL DAMAGE THE FINISH AND VOID THE SYMMONS WARRANTY.**

**FIGURE 8**  
**Seat Removal Tools**



### INDIVIDUAL PARTS

T-1	Hot renewable seat
T-2	Cold seat O-ring
T-3	Cold renewable seat
T-5	Hot washer screw
T-6	Hot washer
T-7	Cold washer retainer
T-8	Cold washer
TA-10	Flow control spindle
T-11	Cap gasket
T-12A	Cap assembly
T-16	Packing, O-ring and washers
T-17	Packing nut
T-19/20	Dome cover and lock nut
T-27	Escutcheon (BP series)
T-27B	Gasket (BP series)
T-28	Escutcheon screws (BP series)
T-29CT2	Dial (BP series)
T-32	Handle screw with lock washer
T-33	Plug button
T-34	Limit stop with O-ring
T-35A	Hot seat removal tool
T-35B	Cold seat removal tool
T-52A	Stop spindle assembly/ escutcheon screw retainer
T-55B	Stop plaster shield

### INDIVIDUAL PARTS

T-55C	Stop plaster shield removal tool
T-176	Plaster shield
T-177	Wall mounting flange
T3-27	Escutcheon (Model C) (2000 Series)
T3-27B	Escutcheon gasket (2000 Series)
T3-28	Escutcheon screw (2000 Series)
T3-29	Dial/emblem assembly (2000 Series)
T3-29K	Dial
T3-31 INS	Handle insert

### COMPOSITE PARTS

T-52	Stop spindle assembly/ escutcheon screw retainer (T-52A)
T-65	Temperature control handle Handle screw (T-32) Plug button (T-33)
T-101	Acrylic handle: Handle screw (T-32) Plug button (T-33)

### COMPOSITE PARTS

TA-4	Hot seat (T-1) Cold seat (T-3)
TA-9	Hot washer screw (T-5) Hot washer (T-6) Cold washer retainer (T-7) Cold washer (T-8) Cap gasket (T-11)
TA-10	Spindle assembly
T3-31	Temperature control handle: Insert (T3-31 INS) Handle screw (T-32) Plug button (T3-33R)
T3-31L	Loop style lever handle: Insert (T3-31 INS) Handle screw (T-32) Plug button (T-33)
T3-31S	Solid style lever handle: Insert (T3-31 INS) Handle screw (T-32) Plug button (T-33)
RC-14X	Single blade lever handle: Handle screw (T-32) Plug button (T-33) Set screw (SC-15A)

**FIGURE 9**

**Parts Breakdown**

