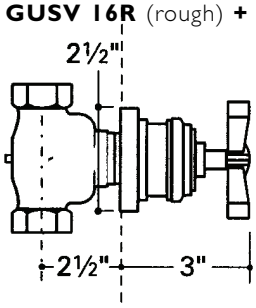
Installation Guidelines

GUSV 16R (rough) **+ AESV47** (trim)



GUSV 37R (rough) **+ AESV58** (trim)

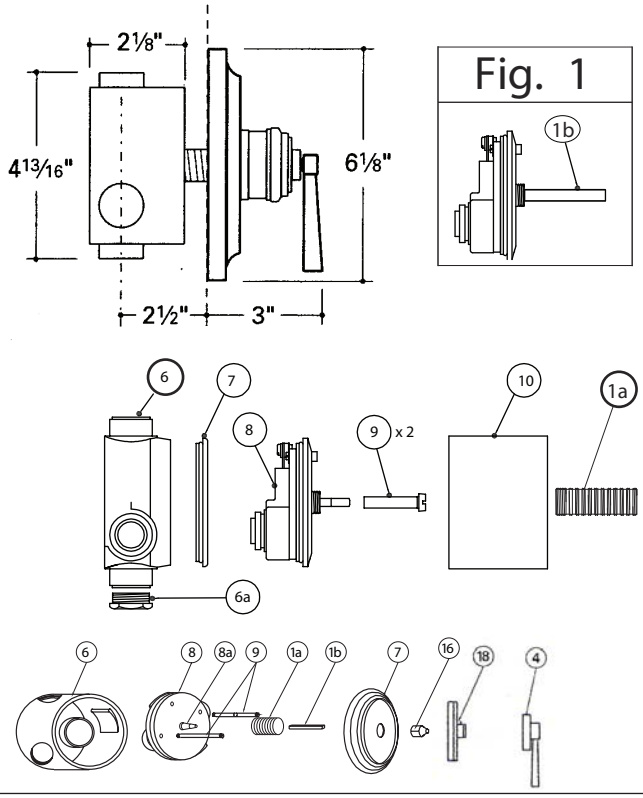


Fig. 1

IMPORTANT

1. To ensure this product is installed properly, you must read and follow these guidelines.

2. The owner/user of the valve must keep this information for future reference.

3. This valve includes integrated service stops. Make sure the tile guard is in place.

4. This valve features anti scald protection. The risk of scalding exists until the installer has properly calibrated/adjusted the temperature setting during final trim installation.

5. Valve body rough-in depth is 2 ½" the centerline of the inlets to the face of the finished wall.

6. Be sure your installation conforms to local codes.

7. This thermostatic valve only mixes hot and cold water and does not have volume control or shut off capability. A diverter or wall valves (provided separately) control on/off/volume and must be installed for each fitting that will have water flowing to it.

8. This product must be installed by a professional contractor.

9. Refer to the specification and assembly drawings attached. Valves are sold partially assembled but shown fully disassembled for illustrative and service purposes only.

10. If soldering any connections, remove cartridge to prevent damage to seals and internal assembly.

11. The trim should be on-site prior to rough in and allows the installer to visualize the installation.

12. Inspect this product to assure you have all parts shown that are required for proper installation.

13. Check incoming water pressure; ideal operating pressure is 50-60 psi. The minimum is 25 psi. and the maximum is 80 psi.

ROUGH IN:

14 . Make sure the valve body (6) is positioned according to valve markings so the inlets are situated with hot piped on the left and cold piped on the right. Positioned correctly, notice the inlets are below an imaginary horizontal line drawn between the 2 cover screws (9).

15. IMPORTANT: Valve rough-in depth is 2-1/2 "measured from the centerline of the inlets to the surface of the finished wall.

16. . Run 3/4" copper supply lines to the proper height of the valve inlets and be sure to secure all piping and fittings.

17. For each fitting that will have water flowing to it, install a wall valve or diverter valve (both provided separately) at the same rough in depth and according to the flow direction arrow marked on the wall valve or diverter valve body.

18. The bottom port of the valve body is plugged (6a),but can be used to supply water to other fittings.

19. Install the tile guard (10).

These guidelines have been prepared for the professional contractor to aid in the installation of:
AERO THERMOSTATIC SHOWER VALVE & TRIM
(GUSV 16R + AESV47) AND (GUSV 37R + AESV58)

6/06

All dimensions are based on original specifications and are subject to change and variation. Please consult your Design Associate for current specifications.

FLUSH OUT THE SYSTEM:

The supply lines must be flushed out to prevent clogging of the filter screens. Failure to flush the lines will permanently damage the cartridge and void the warranty.

20. The valve body is shipped with the flush plate installed (7,9) but without the cartridge installed and is ready for flushing the lines.
21. Turn on the water supply to flush out the lines then inspect all connections for leaks.

22. After the lines are flushed, turn off the water supply, unthread the 2 cover screws (9), then remove the flush plate.

23. Install the cartridge/cover plate (8) using the 2 cover screws and turn off the service stops.

24. Install the tile guard (10).

FINISH:

Please refer to the specification diagrams on the left side of this page.

25. Use only a protected, smooth-jawed, or strap wrench on any finished surface.

26. Attach the threaded sleeve (#1a) on the rough body (#8). Slide the escutcheon plate (#7) over the sleeve. Mark the threaded sleeve (#1a) in preparation of cutting 3⁄16" beyond where it protrudes from the escutcheon plate.

27. Remove the trim (including the threaded sleeve) so that the threaded sleeve (#1a) can be cut. Be sure not to cut the end with internal threads. File the cut edge with care.

28. Reattach the threaded sleeve (#1a) and place the escutcheon plate (#7) over it. (Note: 86°F is at 12 o'clock).

29. Place cap (#16) onto threaded sleeve (#1a). This should lock the escutcheon plate against the finished wall.

30. Introduce the square tube (#1b) into the cap (#16) and set it completely onto the thermostatic body (see fig 1).

31. Mark the square tube so that when it is cut, it is flush with the end of the cap (#16).

EXTREMELY IMPORTANT:

Adjusting the Temperature.

32. IMPORTANT: The risk of scalding exists until the installer has properly calibrated the temperature setting.

33. Calibrating the temperature: Let the water run at an average temperature and take a reading of the water temperature with a thermometer. Temperature adjustments are made by inserting and turning a screwdriverinto the square tube (#16).

34. Place the temperature indicator (#18) on the cap (#16) and adjust the pointer to the position corresponding to the obtained water temperature.

35. Lock the set-screws onto cap (#16) and set up the handle and cover (#4).

36. To bypass the temperature safety limit of 104°F, depress the pointer and turn left to temperatures exceeding this limit. It is not recommended to exceed the preset temperature of 104°F.

37. Temperature settings should be checked periodically to ensure that proper calibration is maintained.

► If further assistance is required, please contact Product Support at 1-800-927-2120 (8am –7pm EST).