

SPEAKMAN COMPANY SAFETY PRODUCTS

SE-237-SM Installation, Maintenance, Operation Instructions

SAFE-T-ZONE® EMERGENCY SURFACE MOUNTED WALL SHOWER

DESCRIPTION

Emergency deluge shower unit with wall activator. Shower is supplied with a 1" NPTF stay-open full flow ball valve that is activated by pull handle that is mounted on wall.

SPECIFICATIONS

SHOWER HEAD: Brass, 10" Diameter Flanged Polished Chrome Plated.
COVER PANEL: 18 Gauge (.048 thk.) Stainless Steel
VALVE: 1" NPT Female Brass, Chrome-Plated. Full Flow Stay-Open Ball Valve.
ACTIVATOR: Stainless Steel Lever with Black Plastic Rotating Handle.
PIPING: 1" IPS Steel Piping & Unions.
INLET: 1" NPTF.
FLOW CONTROL: 20 GPM
SHIPPING WEIGHT: 10 lb.
EMERGENCY SIGN: 7-7/8" x 12" Plastic Wall Sign.

OPTIONS

◇ 30GPM (30 GPM Flow Control)	◇ SSH (Stainless Steel Shower Head)
◇ FLW (Flow Switch)	◇

INSTALLATION

1. At desired location of shower. Cut 7-3/4" X 15-9/16" rough in opening in wall as shown in fig. 1. Please make note of piping & valve orientation as seen in fig. 2 before moving forward with any piping installation.

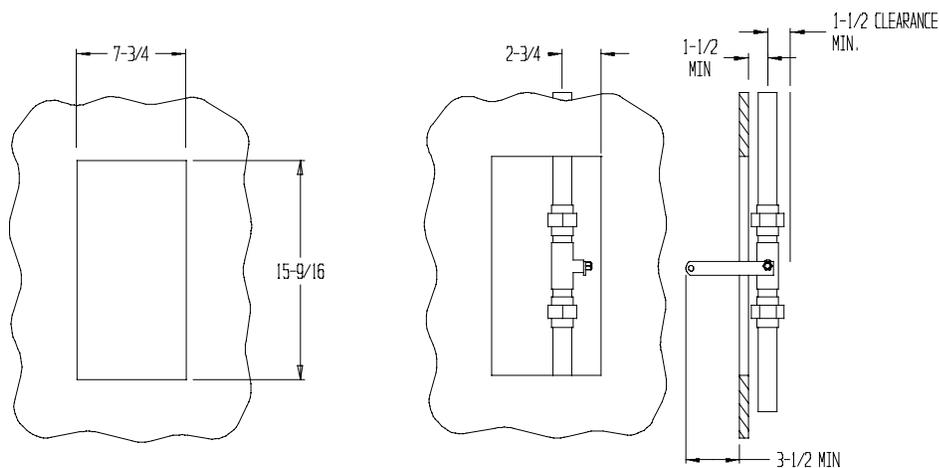


FIG 1

FIG 2

2. Be sure that all water supplies are shut off before beginning any piping installation.

3. Install supply piping (supplied by others) and valve & union assembly (supplied) as shown in fig. 2. Make sure that before unions are tightened for the last time, that the stainless steel lever handle is as close to perpendicular to the finished wall as possible. Use pipe dope or thread sealant on all pipe joint connections (not union connections).
4. Once piping is complete, and it is oriented correctly per the rough in dimensions specified. Position the stainless steel cover panel in wall as shown in fig. 3, making sure the lever handle is in the half-open (horizontal) position. This will allow the handle to fit through the slot in the cover panel.

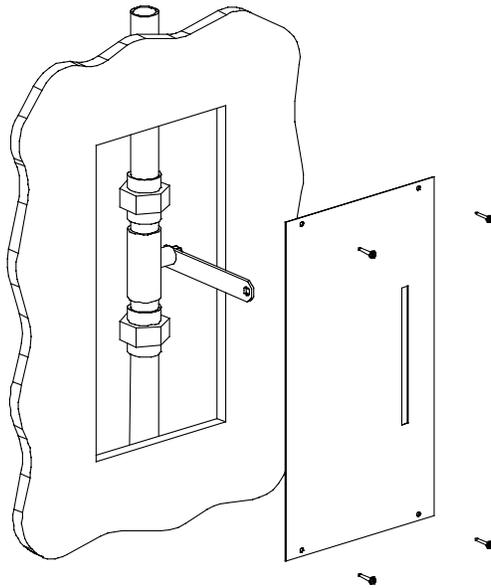


FIG 3

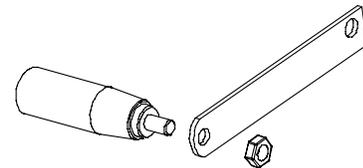


FIG 4

5. At this point be sure to move the lever handle to the on & off positions to make sure it travels uninterrupted.
 - If handle moves freely inside slot in cover. Secure cover panel to wall using supplied wall anchors.
 - If handle hits or drags in slot. Loosen union connections and adjust location of valve until it is correct.
6. Assemble black plastic rotating handle to stainless steel lever handle as shown in fig. 4.
7. Assemble showerhead to 1" pipe as shown in fig. 5. **Make note that ANSI specifies that showerhead must be 82"-96" from the surface on which the user stands.**

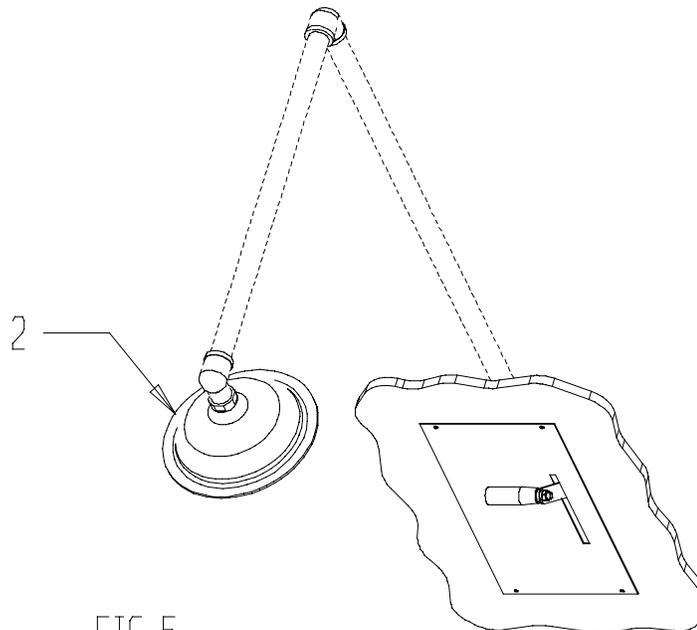


FIG 5

8. Install sign.
9. Turn water supply on

10. Test unit to verify performance.

OPERATION

The shower is activated by pulling/pushing the handle in the downward direction to the full open position. Once the valve is activated the head will continue to discharge water until the valve is manually closed. The unit is shut off by pulling/pushing the handle in the upward direction to the complete off position.

TESTING PROGRAM

The American National Standards Institute (ANSI) states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. Speakman Company furnishes a testing record tag (91-0635) with each unit. On this tag the date of inspection and the inspector's initials should be noted.

MAINTENANCE

Should you need to repair components behind the wall (valve, lever handle, etc.), the cover panel is removed by following these instructions.

1. Shut off water supply before doing any repair to this unit.
2. Position lever handle in the half-open (horizontal) position, and remove black plastic rotating handle from lever handle.
3. Remove the (4) screws that attach the cover panel to the wall, and slide the cover panel off. This will give you full access to valve and lever handle inside the wall.
4. Once repair is made follow above instructions in reverse to reassemble handle and panel cover. **Be sure to turn water supply back on once repairs are final.** Reference additional technical sheets (supplied) for information on the SE-800 shower head.

WARNING: Use only genuine Speakman parts when repairing or replacing components.
To order parts call 1-800-537-2107.

SE-237-SM REPLACEMENT/REPAIR PARTS

<u>ITEM</u>	<u>PART/GROUP #</u>	<u>DESCRIPTION</u>
1	20-0955	1" Ball Valve (Shown in Fig. 2)
2	SE-890	10" Brass Shower head

FLOW DATA

SHOWER:

FLOW PRESSURE PSI (BAR)	20 (1.38)	60 (4.14)
FLOW RATE GPM (LPM)	20 (75)	25 (94)

Note: All units meet existing ANSI Z358.1 1998 Standards and OSHA Rules. Product improvements may cause specification and dimensional changes without notice.

NOTE: This unit should be connected to an uninterrupted source of potable water, with a minimum flowing pressure of 20 PSI and a maximum static pressure of 125 PSI.

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