LIGATURE RESISTANT SHOWER HANDLE, ESCUTCHEON #SV230
PLATE & VALVE INSTALLATION, MAINTENANCE & OPERATION INSTRUCTIONS

INSTRUCTIONS FOR MODELS

TOOLS AND SUPPLIES

Phillips Screwdriver
Pin-In Torx Wrench (included)

HELPFUL TOOLS

Safety Glasses

WARNING & DISCLAIMER

This waiver & disclaimer is attached to and made part of the written contract to purchase these products for use in psychiatric and correctional facilities. Such fixtures and products are purchased to reduce the risk of self-imposed death or injury to patients or clients in such facilities, but are NOT represented as able to prevent such death or injury.

Behavioral Safety Products, LLC ("BSP") as the seller and Speakman Company as the manufacturer of these products have not, and will not represent or warrant to the purchaser shown in this contract ("Purchaser") that its fixtures and products will prevent death or injury in any case whatsoever.

BSP and Speakman Company make no expressed or implied warranty with respect to the preventative quality of its products, but merely represents that the use of such products tends to reduce deaths and injuries by patients or clients who are subject to meticulous screening processes and diligent supervision on the part of the facility housing them.

Purchaser acknowledges the foregoing disclaimer and waives any and all claims against BSP and Speakman Company as to expressed or implied warranties of fitness for any purpose whatsoever.

NEED HELP?
For additional assistance or service please contact:

Behavioral Safety Products
29A North Main Street, Suite 3
Wallsboro, GA 30677
706-705-1500
www.besafepro.com

ADDITIONAL HELP

SPEAKMAN® Company
400 Anchor Mill Road
New Castle, DE 19720
800-537-2107
customerservice@speckmancompany.com
www.speakmancompany.com
92-G10-0106-PC-R4

CERTIFICATIONS & COMPLIANCES

ASME 112.18.1/CSA B125.1
& ASSE 1016 Standards

CONTINUED

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IMPORTANT

⚠️ Be sure to read instructions thoroughly before beginning installation. Do not overtighten any connections or damage may occur.

⚠️ Be sure to have properly adjusted the Temperature Limiting Stop (TLS) as outlined in the Valve Installation Manual.

⚠️ Ensure the Valve has been installed Plumb and Level to the wall. Alignment issues may interfere with Handle operation.

SAFETY TIPS

- Cover your drain to prevent loss of parts.
- Be sure to wear eye protection while cutting pipe.
- Follow proper safety precautions recommended by tool manufacturers.

MAINTENANCE

Your new Valve Trim is designed for years of trouble-free performance. Keep it looking new by cleaning it periodically with a soft cloth. Avoid abrasive cleaners, steel wool, and harsh chemicals as these will dull the finish and void your warranty.

WARRANTY

Additional warranty information can be found at: www.speakmancompany.com

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1. Ensure the Valve is in the "OFF" position. Slide Splined Hex Shaft (1) over the Valve Spindle, followed by Flat Washer (2), Lock Washer (3), and secure with Screw (4).
LIGATURE RESISTANT SHOWER HANDLE, ESCUTCHEON PLATE & VALVE  #SV230

2 Place the Wall Plate (1) over the Splined Hex Shaft (2). Orient the Wall Plate (1) so the “OFF” marking is at the top position as shown below. Secure Wall Plate (1) to the Shower Valve Bonnet with the Screws (3) provided.

3 Verify that the Friction Ring (1) is properly seated into the Friction Ring Groove of the Wall Plate (2).

4 Orient the Handle Assembly (1) as shown below with the arrow facing upwards. Install the Handle Assembly (1) over the Wall Plate Splined Shaft (2). Secure with the Pin-In Torx Screw (3) with the supplied Key Wrench.

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5. Verify that the Handle rotates smoothly.

6. Insert Screw Cover (1) with O-Ring installed, into recess of Handle.

**MAINTENANCE NOTE:** To remove the Screw Cover (1) for maintenance, insert a Paper Clip or similar item into the Ø.04" access hole within the Handle Assembly as shown below.
**INSTRUCTIONS FOR MODELS**

**TOOLS AND SUPPLIES**

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IMPORTANT

Be sure to read instructions thoroughly before beginning installation.

Be sure to have properly adjusted the Temperature Limiting Stop (TLS) as outlined in this Instruction Manual.

Inspect all connections after installation of valve.

This valve has an operating range of 20-80 psi.

This valve is designed to be used in conjunction with a showerhead rated at 2.0 gpm (7.5 L/min) or

SAFETY TIPS

Cover your drain to prevent loss of parts.

Be sure to wear eye protection while cutting pipe, and to protect surrounding areas while soldering.

Follow proper safety precautions recommended by tool manufacturers.

MAINTENANCE

Your new Shower/Bath Valve is washerless and requires no routine maintenance.

This valve incorporates a cartridge using a piston style balancing module, combined with a ceramic regulating module. This method eliminates seat washers and other packing materials.

If service is required, please follow the instructions included within the appropriate repair part grouping.

WARRANTY

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1. Referencing the supplied rough-in dimensions (located on last page), determine the preferred location of valve. Align the supplied rough-in template with this location and trace outline of template onto wall. Using a keyhole saw or similar tool, cut along line and remove this section of wall.
To prevent damage while soldering, remove the integral stops (15) using a socket wrench equipped with a 9/16" deep well socket.

Plumb and solder all joints and fittings to valve. Take care to protect surrounding area when soldering.

Following the rough-in dimensions (located on last page) as well as the markings on the supplied rough-in template, install valve at proper depth. The distance from the centerline of the inlet/outlet ports of the valve assembly to the finished wall MUST be between 3" - 3 1/2".

Before soldering, ensure valve is perfectly level and plumb. Valves that are not level and plumb will affect Trim Handle operation.

Valve spindle MUST be perpendicular to finished wall.

Reinstall integral stops removed in STEP 2.

Plumb and solder all fittings required for accessories. If performing a standard installation proceed to STEP 11. If performing a back to back installation, proceed to STEP 7.
7 If a back to back installation is used, the balancing/regulating cartridge must be removed and rotated 180 degrees. DO NOT remove blue cover from cartridge.

8 To adapt your shower valve for back to back installation, remove spindle O-ring, TLS plate, and four (4) bonnet screws. Then remove bonnet and cartridge assembly from valve body.

9 Rotate cartridge 180 degrees, and reinstall into valve body. The "H" marking on the blue cover should now be on the right hand side.

10 Reinstall bonnet and four (4) bonnet screws, making sure bonnet O-ring is in place within valve body.

11 Turn on water supplies and check all solder connections for leaks.
To limit the maximum hot water temperature the valve delivers, adjust the valve’s temperature limit stop (TLS) plate.

1. Slip the retaining O-ring and the TLS plate towards the end of the spindle.
2. Rotate the valve spindle clockwise to the maximum desired hot water temperature.
3. Position the TLS plate so it contacts the lug on the valve bonnet and therefore restricts the clockwise rotation of the spindle.
4. Slip the retaining O-ring back into the groove of the spindle to hold the TLS plate in place.
5. Rotate the spindle counter-clockwise to the “OFF” position.

Install rough-in template over valve to protect valve during final wall preparation.
NOTES:
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SPECIFIED AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.

UNLESS OTHERWISE SPECIFIED ALL INLETS AND OUTLETS ARE 1/2” FEMALE COPPER SWEAT.

FOR ADA MOUNTING LOCATIONS, CONSULT ADAAG, ANSI A117.1, AND STATE REGULATIONS.