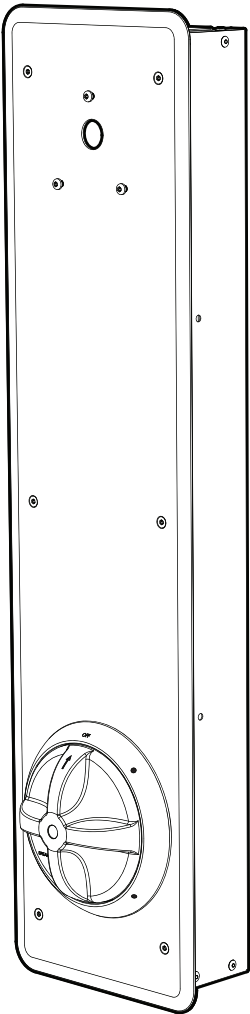
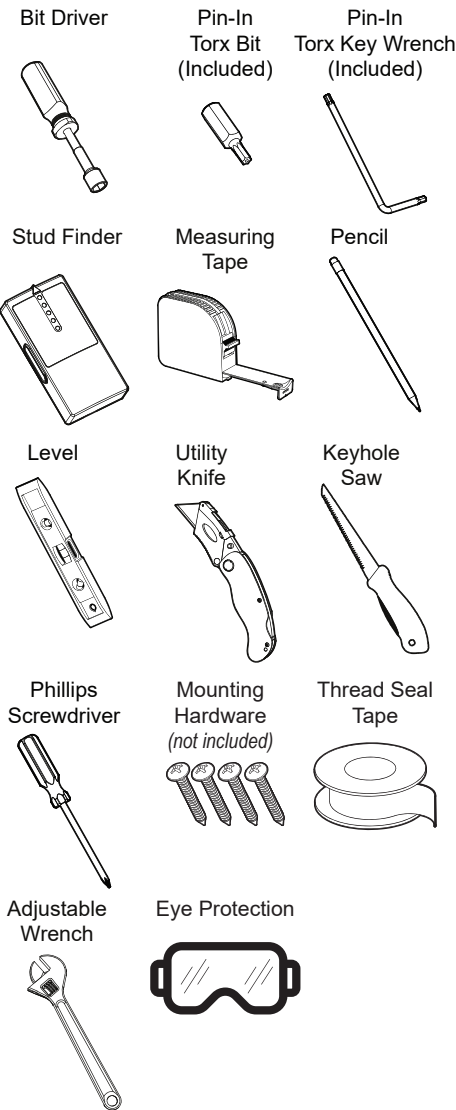


INSTALLATION INSTRUCTIONS

CPT-SAL6000  
Anti-Ligature Shower Panel



TOOLS & SUPPLIES NEEDED



IMPORTANT

**SAFETY TIPS:**  
Be sure to read and understand all instructions before beginning installation.  
Inspect all connections after installation.  
Cover the drain to avoid loss of parts.  
Be sure to wear proper eye protection.  
Do NOT over tighten any connections or damage may occur.  
Shut OFF water supplies before beginning installation.  
Observe all local plumbing and building codes.

**VALVE SPECIFICATIONS:**

- This valve has an operating range of 20-80 psi.
- This valve is designed to be used in conjunction with a shower-head rated at 1.3 gpm (4.9 L/min) or higher flow rate.
- Maximum water pressure: 125 psi static
- Minimum water pressure: 20 psi flowing
- Minimum cold supply temperature: 40 °F
- Maximum hot supply temperature: 160 °F
- Minimum hot supply temperature: 5 °F above set point.

**MAINTENANCE:**  
Your new Shower Valve is designed for years of trouble-free performance. Keep it looking new by cleaning it periodically with a soft cloth. The use of harsh chemicals and abrasives on any of the Speakman custom finish products may damage the finish and void the product warranty. Please be sure to only use approved cleaners. Please contact Speakman for any clarification of acceptable cleaners.  
This type of valve must be cleaned and maintained on a regular basis. Periodic maintenance should be performed at least every 12 months or after any changes have been made to the building's plumbing system. This maintenance should include removing and cleaning the spring check stop components. Make sure the stop poppet in each stop moves freely. Valves that are installed outdoors should be winterized by removing all of the internal parts and removing any standing water from the valve. Quarterly the maximum hot temperature setting (TLS) should be checked and adjusted accordingly.

WAIVER 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.

Speakman Company as the seller and 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.

Speakman Company makes 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 Speakman Company as to expressed or implied warranties of fitness for any purpose whatsoever.

NEED HELP?  
For additional assistance or service please contact:



800-537-2107

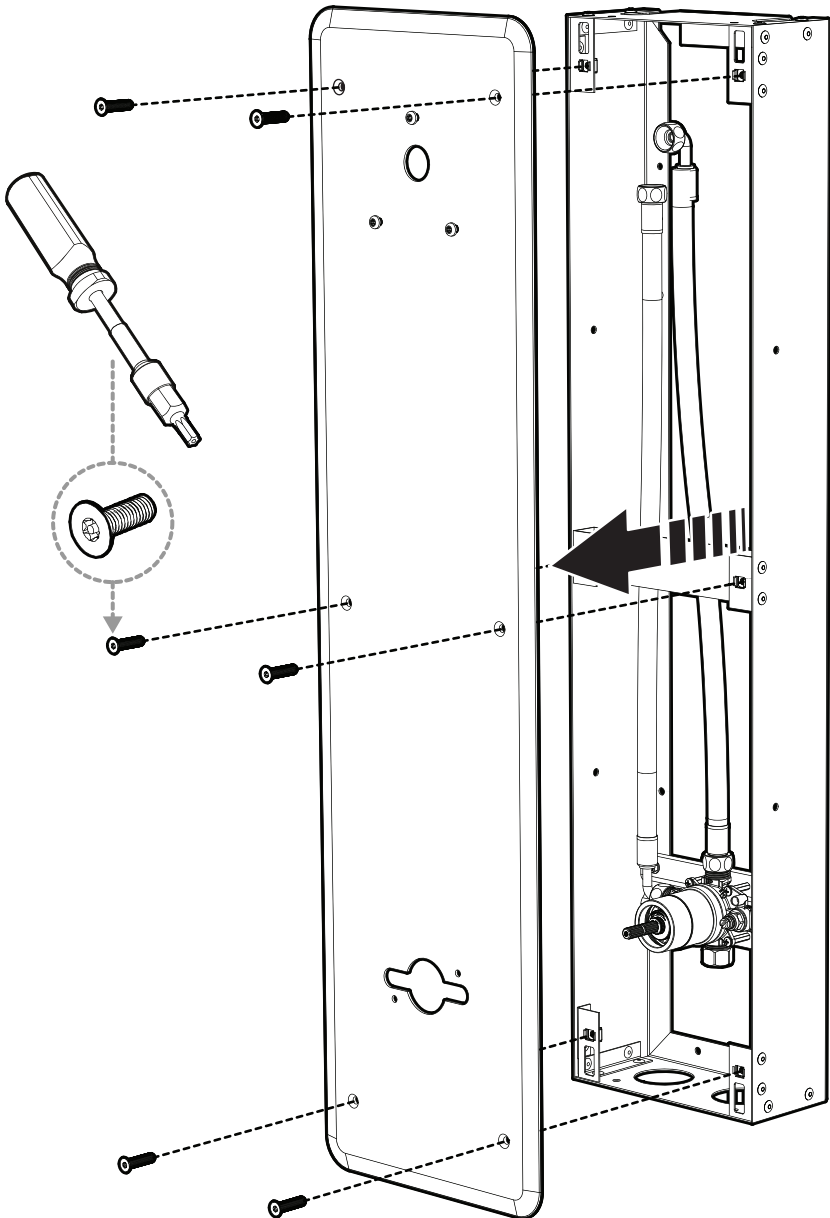


www.speakman.com

92-CPT-SAL6000-01

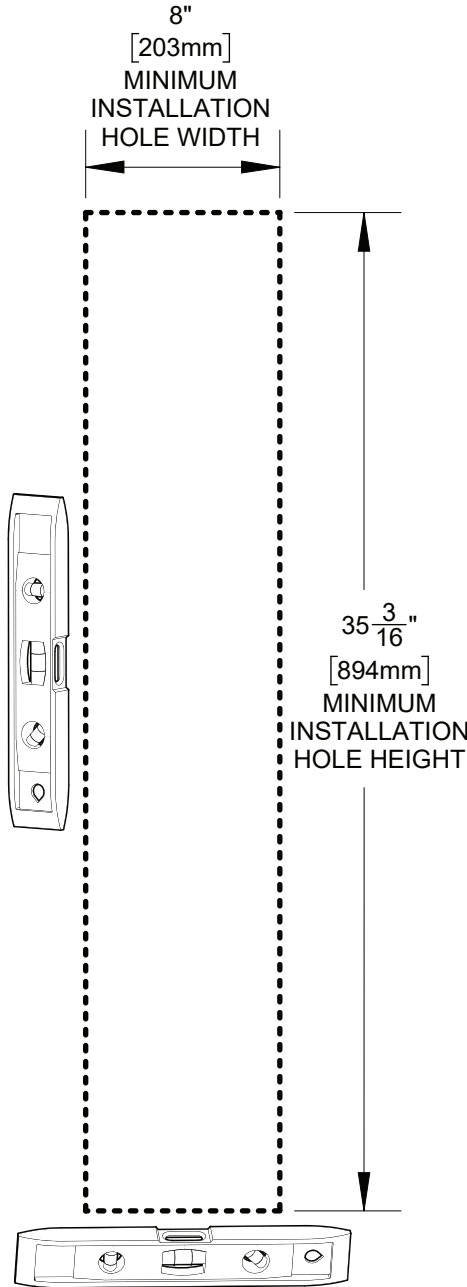
PREPARE FOR MOUNTING

- 1 Separate Front Panel from Cabinet by removing the six (6) Mounting Screws using the supplied Torx Bit and a Bit Driver



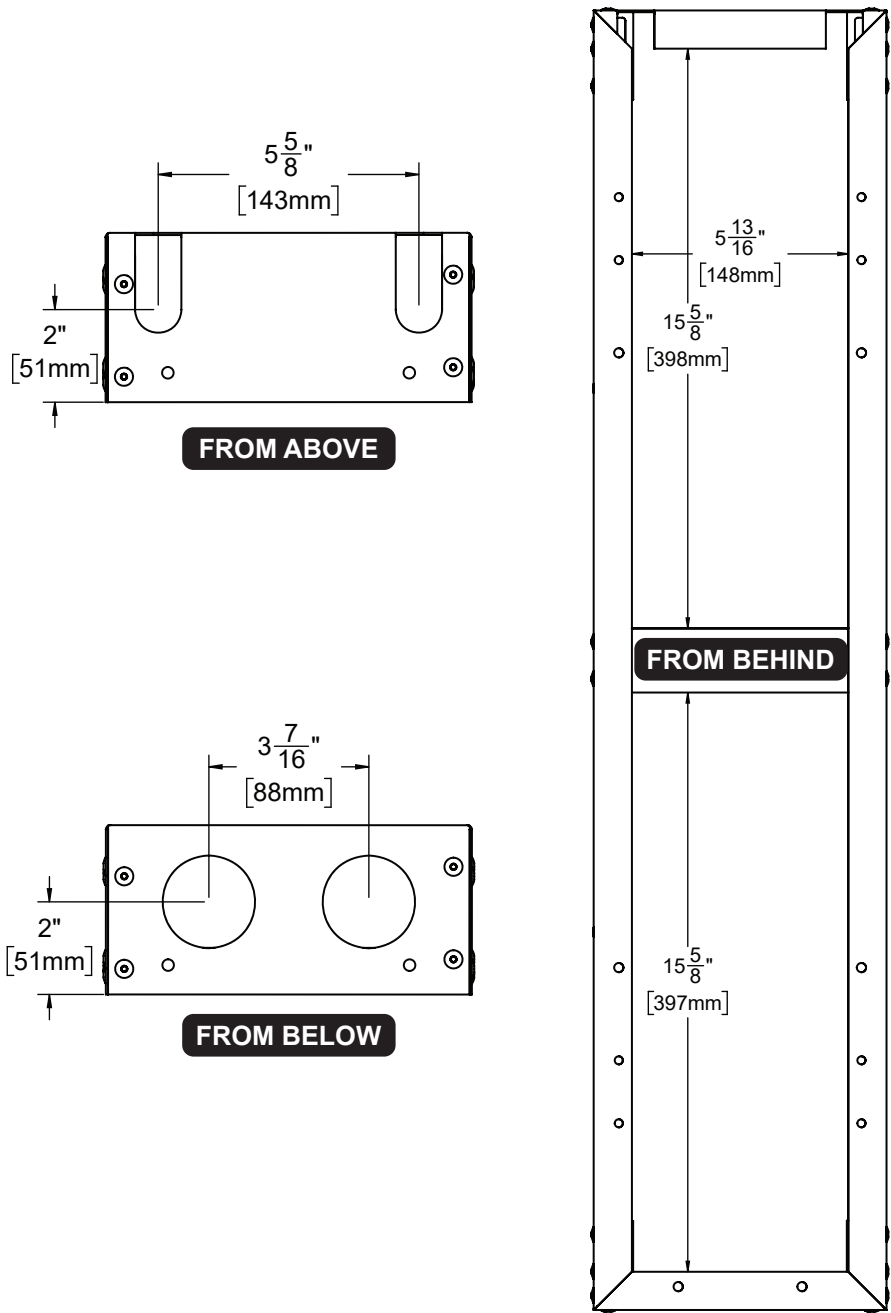
PREPARE FOR MOUNTING

- 2 Measure and cut hole in wall where the cabinet is to be installed. Ensure proper mounting structure is present within the wall to support the unit in use.



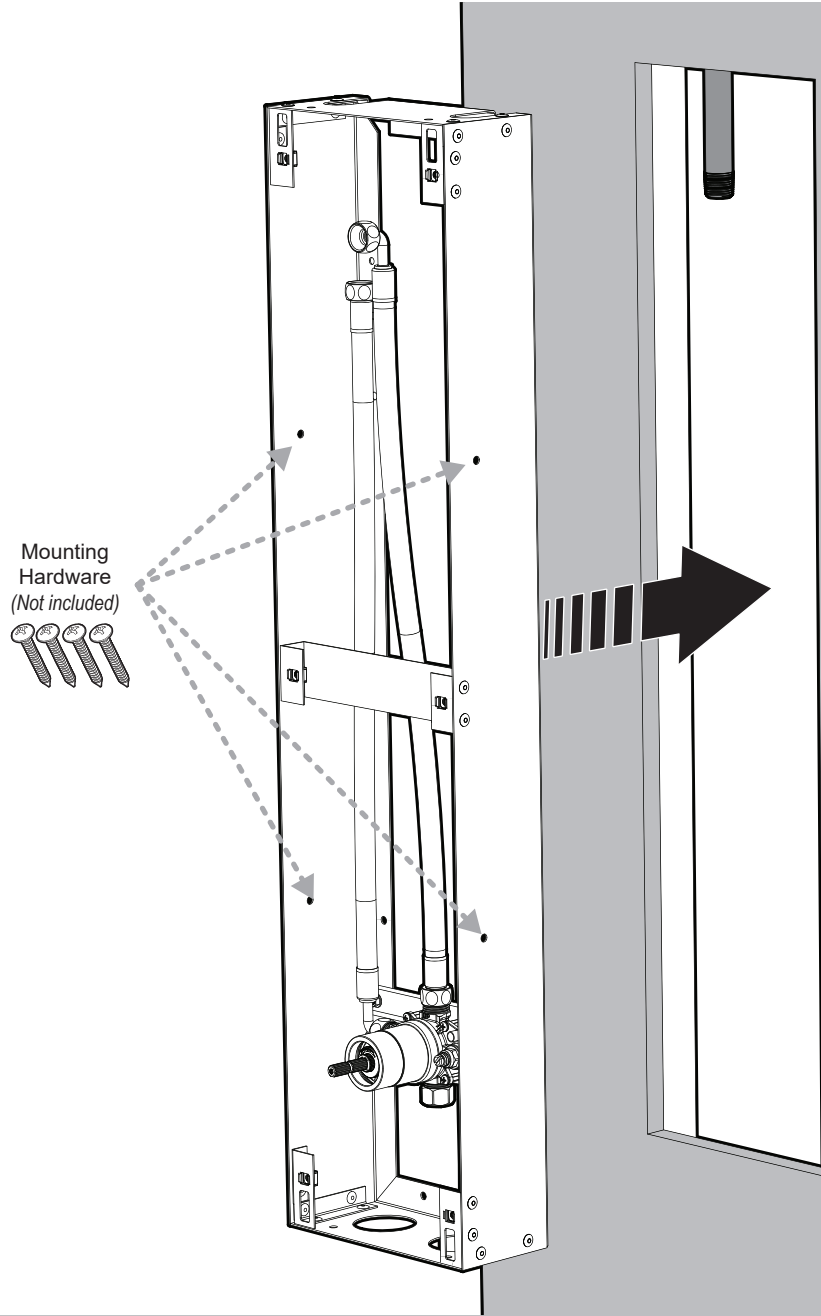
PLUMB WATER SUPPLIES

- 3 This unit can accept water supplies from above, below, and behind. See dimensions below to assist in water supply plumbing. Inlets of the Shower Panel accept 1/2"-14 NPSM.



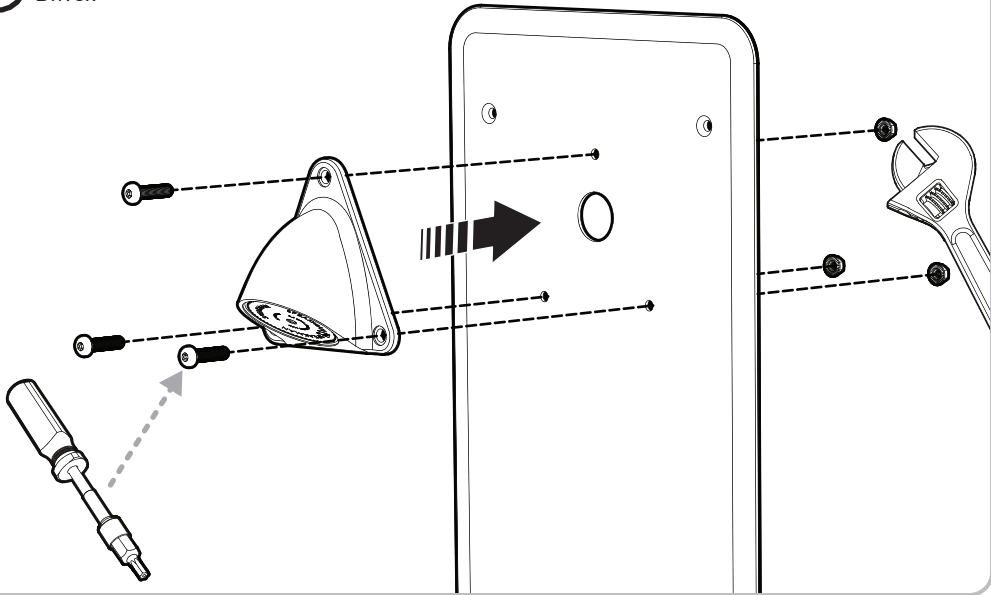
MOUNT CABINET TO STRUCTURE

- 4 Mount cabinet body within wall opening. Front surface of cabinet body should be flush to 1/4" inset from the finished wall surface. Secure cabinet to structure with appropriate hardware (not included). Ensure the structure and mounting hardware are capable of supporting the product in use.



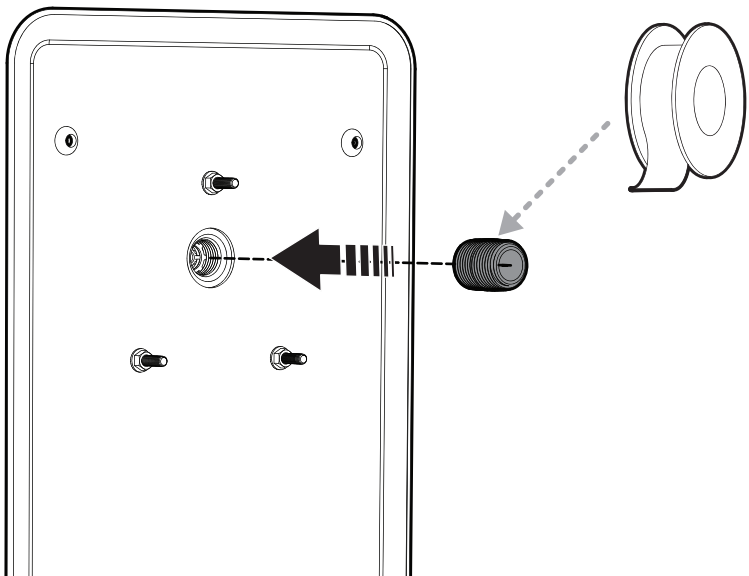
INSTALL SHOWER HEAD TO FRONT PANEL

- 5 Secure optional Shower Head to the Front Panel using the Hardware Provided and Torx Bit Driver.



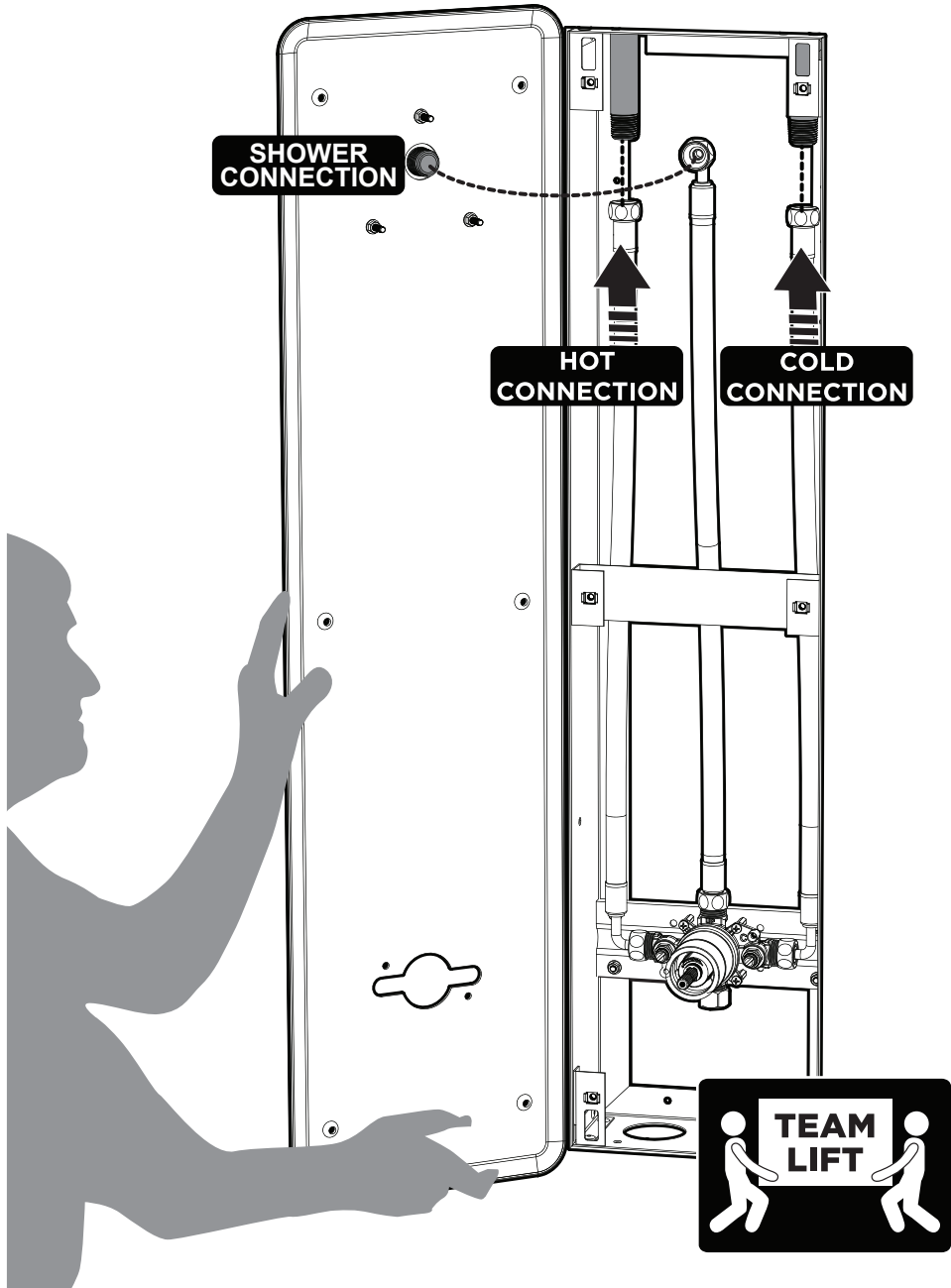
INSTALL SHOWER HEAD TO FRONT PANEL

- 6 Apply Thread Seal Tape to included Pipe Nipple. Install Pipe Nipple to inlet of Shower Head from behind taking care to not damage the threads when tightening.



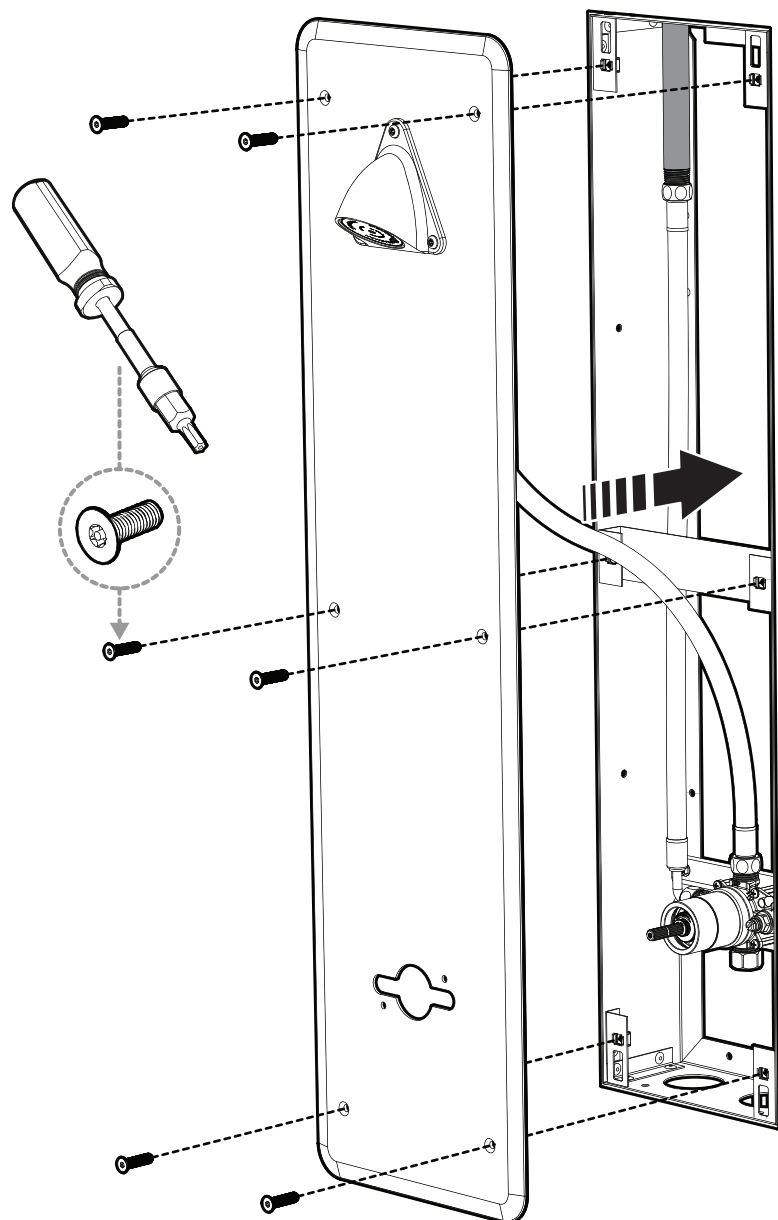
CONNECT INLET AND OUTLET HOSES

- 7 Connect the Hot and Cold Water Supplies to the Inlet Hoses of the Valve. With the assistance of another, hold Front Panel and connect the Valve Outlet Hose to the Threaded Nipple Inlet of the Shower Head.



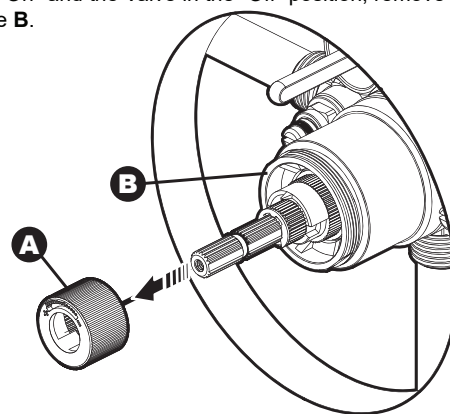
## INSTALL FRONT PANEL

- 8** Reinstall the Front Panel to the Cabinet using the six (6) screws removed in Step 1. Secure with included Torx Bit and Bit Driver.



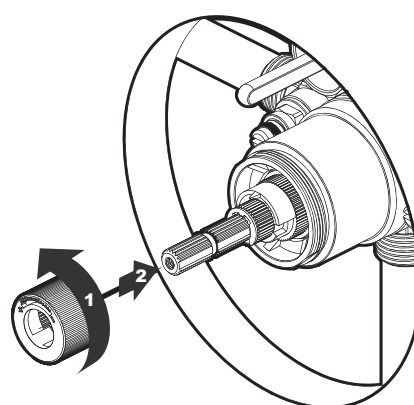
## TEMPERATURE LIMIT STOP ADJUSTMENT

- 9** Turn ON water supplies and inspect for leaks. The maximum outlet temperature setting adjustment (Temperature Limit Stop (TLS)) of the Valve has been factory set at 110 °F. To adjust the limit of the maximum outlet temperature the Valve delivers, adjust the Valve's temperature limit stop (TLS) collar by following the steps below.
- With the water supplies "On" and the Valve in the "Off" position, remove the (RED) TLS adjustment collar **A** from the Cartridge **B**.

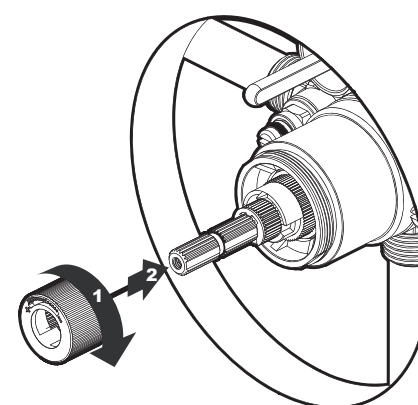


### ADJUSTING THE TEMPERATURE LIMIT

- **For Colder setting**, adjust the Temperature Limiting Collar in a counter-clockwise direction and slide it back to the splined section of the Cartridge until fully seated. Rotate the Valve Spindle clockwise to check if desired outlet temperature is achieved. If not, repeat the procedure.
- **For Hotter setting**, adjust the Temperature Limiting Collar in a clockwise direction and slide it back to the splined section of the Cartridge until fully seated. Rotate the Valve Spindle clockwise to check if desired outlet temperature is achieved. If not, repeat the procedure.
- Once desired outlet temperature is achieved, rotate the spindle counter-clockwise to the "Off" position.



FOR COLDER WATER

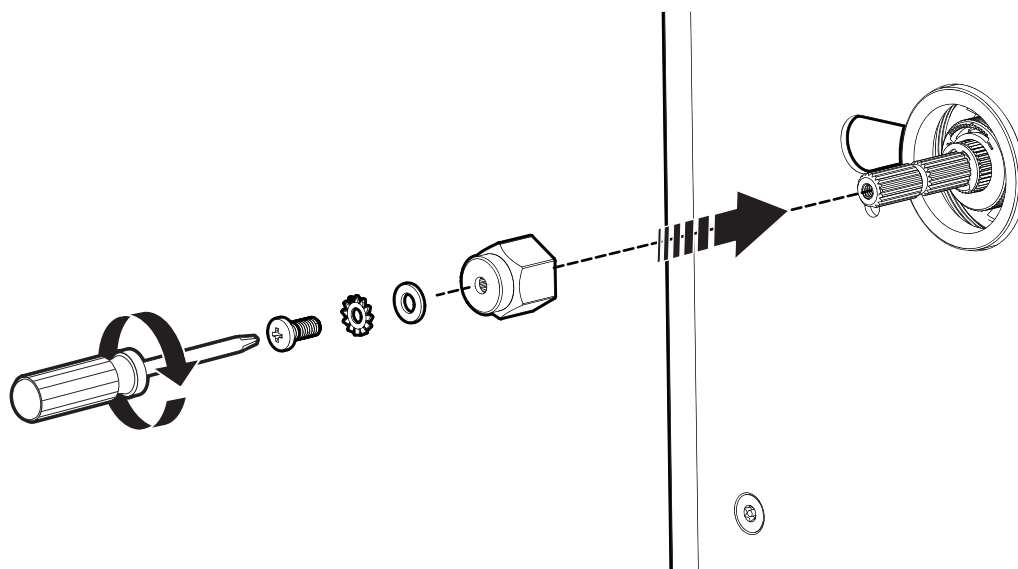


FOR HOTTER WATER

**NOTE:** A thermometer can be held at the Valve outlet to aid in either checking the existing factory setting or reaching the desired outlet temperature.

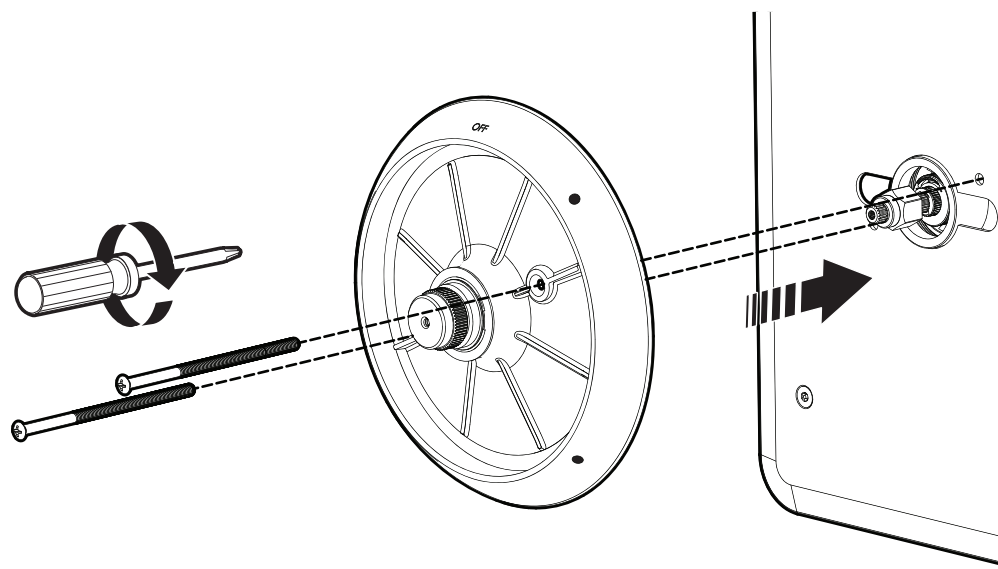
## INSTALL SPLINE ADAPTER

- 10** Ensure the Valve is in the "OFF" position. Slide Splined Hex Shaft over the Valve Spindle, followed by Flat Washer, Lock Washer, and secure with Screw.



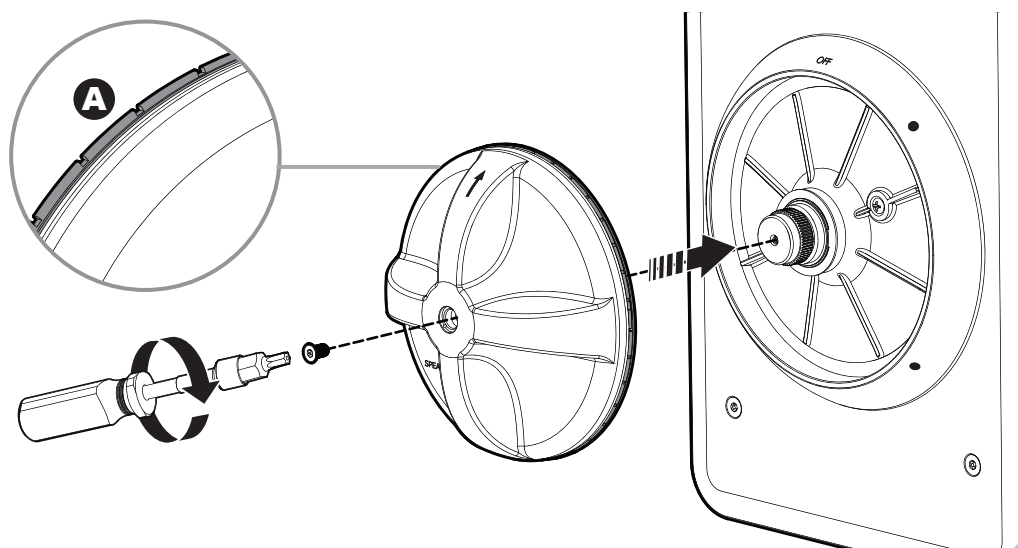
## INSTALL WALL PLATE

- 11** Orient Wall Plate with the "OFF" marking at the top position as shown below. Place Wall Plate over the Hex Spline Adapter. Secure Wall Plate to the Shower Valve with the Screws provided.



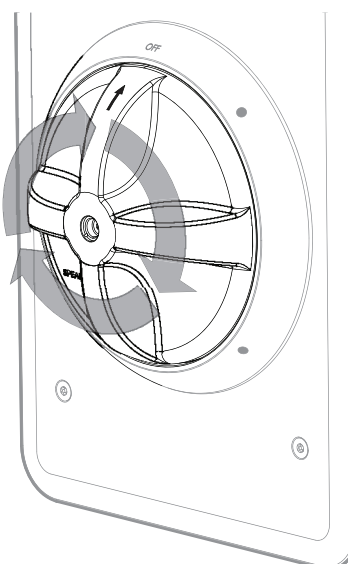
## INSTALL HANDLE ASSEMBLY

- 12** Verify Friction Ring is properly seated into the Friction Ring Groove of the Wall Plate (A). Orient the Handle Assembly, as shown below, with the arrow facing upwards. Install the Handle Assembly over the Wall Plate Splined Shaft. Secure with the Security Screw using the supplied Torx Bit and Driver.

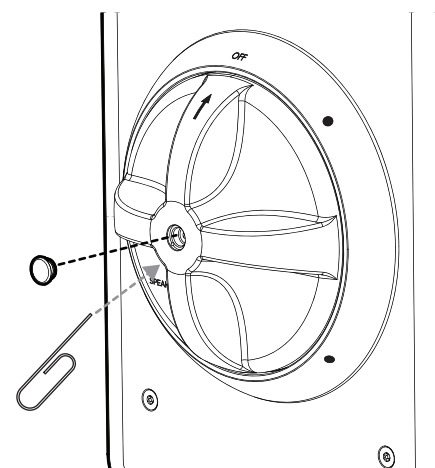


## INSTALL HANDLE ASSEMBLY

- 13** Verify smooth rotation of the Handle Assembly and adjust as necessary.



Insert Screw Cover with O-Ring installed, into recess of Handle.



### MAINTENANCE NOTE

To remove the Screw Cover for maintenance, insert a Paper Clip or similar item into the .04" access hole within the Handle Assembly as shown.



VALVE SERVICE INSTRUCTIONS

Service Instructions

Caution- Any repair or servicing of the Valve may effect the maximum outlet temperature setting of the Valve. After working on the Valve, make sure the maximum outlet temperature is set to the recommended setting of 110 °F.

Pressure Balance Cartridge Removal

- 1. Remove Trim from Valve. Close the Integral Stops of the Valve by turning the Stop Spindles clockwise.
- 2. With the Valve in the "OFF" position, remove the Bonnet by unthreading with a Slip Joint Wrench.
- 3. If necessary, remove the Cartridge from the Valve Body by pulling on the Valve spindle of the Cartridge. Verify that the Lower Cartridge Seal is in place within the Valve Cartridge, and not within the Valve Body.
- 4. Replace the Pressure Balance Cartridge if necessary. When replacing the Pressure Balance Cartridge, verify that the Lower Cartridge Seal is properly installed in the recess on the bottom of the Cartridge. This Lower Cartridge Seal is positioned over the HOT & COLD inlet waterways of the Valve Body.
- 5. Reassemble the Bonnet by threading it into the Valve Body with a Slip Joint Wrench. Final torque should be 88-106 in\*lb. **Important-** Adjust the Valve's maximum outlet temperature to the recommended setting of 110 °F. See Temperature Limit Stop adjustment steps within this document.
- 6. Open the Integral Stops of the Valve by turning the Stop Spindles counter-clockwise. Check Valve for leaks.
- 7. Reassemble the Trim parts.

Spring Check Stop Parts Removal

- 1. Remove Trim from Valve. Shut off HOT and COLD water supply lines to the inlets of the Valve.
- 2. Unscrew the Stop's Retaining Nut using a Socket Wrench equipped with a 9/16" (14mm) Deep Well Socket. Carefully remove the Retaining Nut w/Spindle, Spring, and Poppet assembly. Clean and/or replace the necessary parts. Reassemble the parts, reversing the above procedure. Final torque should be 70-106 in\*lb. Repeat procedure on the other Stop.
- 3. Turn on the HOT and COLD water supply lines. Check for leaks.
- 4. Reassemble the Trim Parts.

PRODUCT WARRANTY

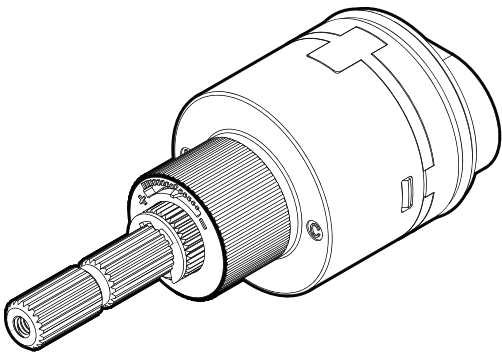
Visit [www.speakman.com](http://www.speakman.com) for all warranty information

CALIFORNIA PROPOSITION 65

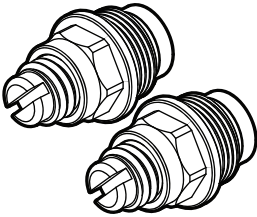


**CALIFORNIA PROPOSITION 65:**  
**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Wash hands after installation, repair, or removal of this product.

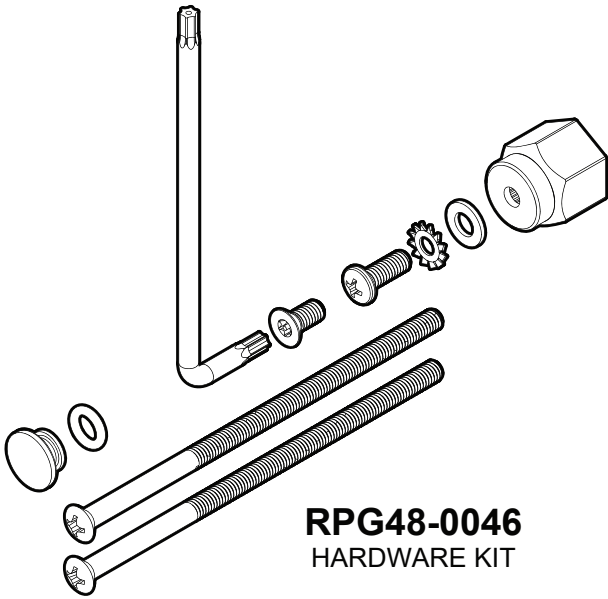
REPAIR PARTS



**RPG05-1124**  
PRESSURE BALANCE VALVE CARTRIDGE



**RPG50-21029**  
SPRING CHECK STOPS



**RPG48-0046**  
HARDWARE KIT

ROUGH-IN DIAGRAM

CONNECTIONS

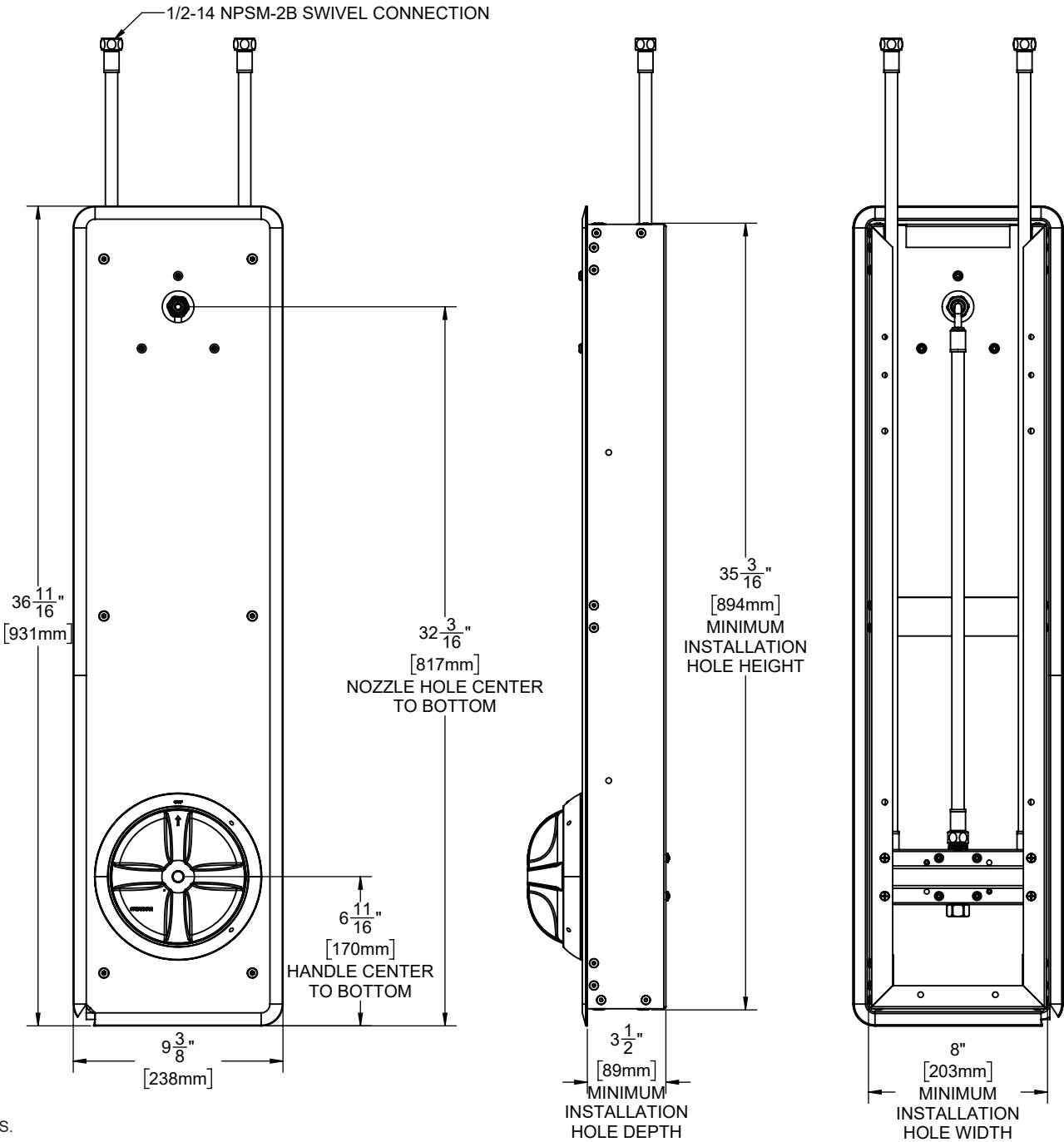
Inlets: 1/2"-14 NPSM-2B  
Outlet: 1/2"-14 NPSM-2B

COMPLIANCE

ASME A112.18.1/CSA B125.1  
ASSE1016/ASME A112.1016/CSA B125.16

NOTES

Installer to supply necessary inlet/outlet connections.



DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. FOR ADA MOUNTING LOCATIONS, CONSULT ADAAG, ANSI A117.1, AND LOCAL/STATE REGULATIONS.