SPEAKMAN®

SLV-5410

Installation, Operation & Maintenance Instructions

SENTINELPRO™ COMBINATION SERIES

DESCRIPTION

Speakman SentinelPro™ Combination, SLV-5410 includes: Trim with integral Volume Control / Diverter Handle (CPT-5401), Shower Arm with Wall Flange (S-2500), and Low Flow Single Function Shower Head (S-2272-E2). This combination does not include the Shower Valve.

TP-DV This combination should be installed with one of the following Speakman SentinelPro™ Thermostatic/Pressure Balance Diverter Shower Valves

CPV-TP-DV: Thermostatic/Pressure Balance Diverter Shower Valve
Sweat & Thread Connections

CPV-TP-DV-PXC: Thermostatic/Pressure Balance Diverter Shower Valve
PEX F1807 Crimp Inlet Connections

CPV-TP-DV-PXE: Thermostatic/Pressure Balance Shower Valve
PEX F1960 Cold-Expansion Inlet Connections

SPECIFICATIONS

CPT-5401 T/P DIVERTER VALVE TRIM:
FINISH: Polished Chrome
COMPLIANCE: ASME A112.18.1 / CSA B125.1 Standard

S-2500 SHOWER ARM WITH WALL FLANGE:
CONNECTIONS: ½" NPT Male Inlet & Outlet
FINISH: Polished Chrome

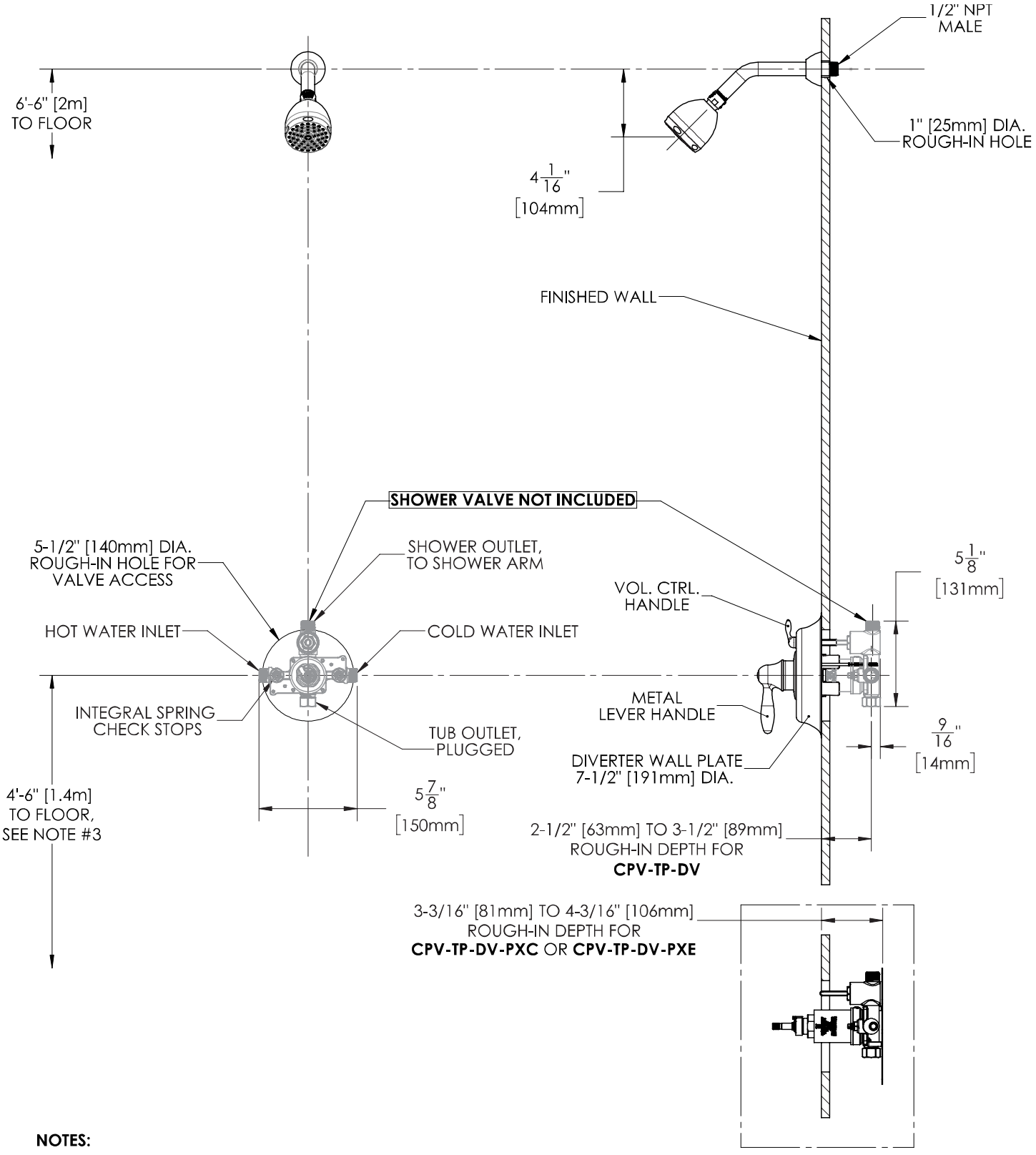
S-2272-E2 LOW FLOW SINGLE FUNCTION SHOWER HEAD:
CONNECTIONS: ½" NPT Female Inlet
FLOW RATE: 2.0 gpm (7.6 L/min)
FINISH: Polished Chrome
COMPLIANCE: ASME A112.18.1 / CSA B125.1 Standard & WaterSense Certified

INSTRUCTIONS

See individual products for installation of the components and warranty information.

SPEAKMAN®
400 Anchor Mill Rd. New Castle, DE 19720 Phone: 800-537-2107 Fax: 800-977-2747
07/30/18 www.speakman.com 92C-SLV-5410-01

ROUGH-IN



NOTES:

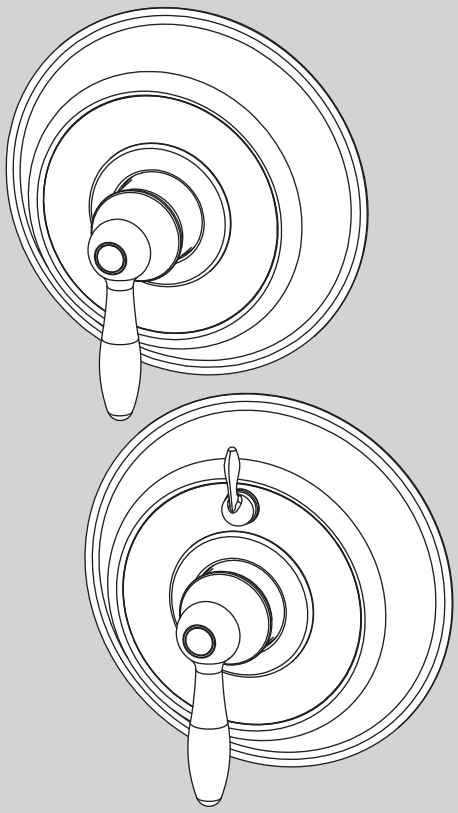
1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS] UNLESS OTHERWISE SPECIFIED AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
2. ALL INLETS AND OUTLETS ARE 1/2" FEMALE COPPER SWEAT AND 1/2" MALE NPT UNLESS OTHERWISE SPECIFIED.
3. FOR ADA MOUNTING LOCATIONS CONSULT ADAAG, ANSI A117.1, OR STATE REGULATIONS.

SPEAKMAN®

400 Anchor Mill Rd. New Castle, DE 19720 Phone: 800-537-2107 Fax: 800-977-2747

INSTRUCTIONS FOR MODELS

CPT-5001 / CPT-5401



NEED HELP?

For additional assistance or service please contact:

SPEAKMAN® Company
400 Anchor Mill Road
New Castle, DE 19720

800-537-2107

customerservice@speakman.com

www.speakman.com

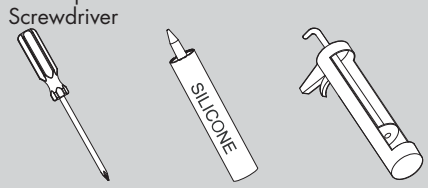
92-CPT-5001-01

TOOLS AND SUPPLIES

Phillips Screwdriver

Silicone

Caulk Gun



⚠ IMPORTANT ⚠

- Do not over-tighten any connections or damage may occur.
- Be sure to read instructions thoroughly before beginning installation.
- This valve has an operating range of 20-80 psi.

SAFETY TIPS

Cover your drain to prevent loss of parts. Be sure to wear eye protection while cutting pipe.

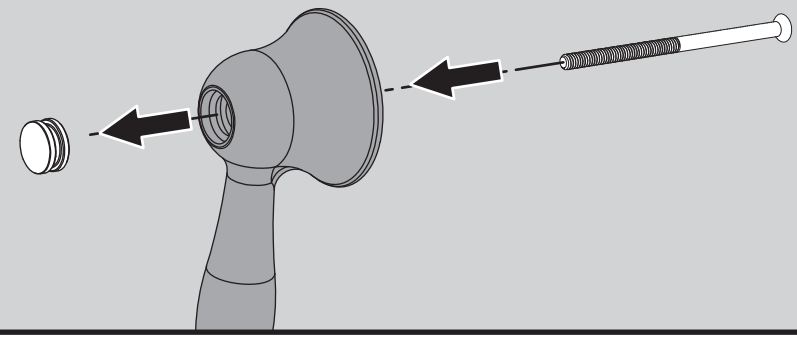
MAINTENANCE

Your new Speakman Product 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.

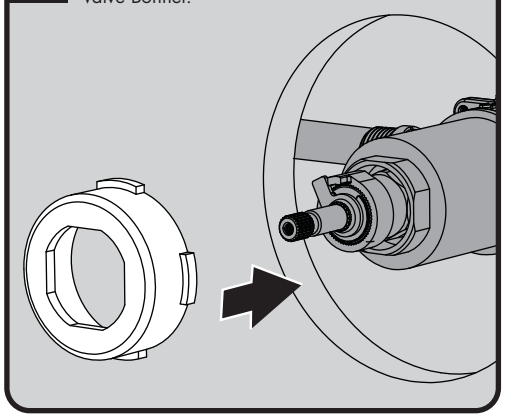
WARRANTY

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

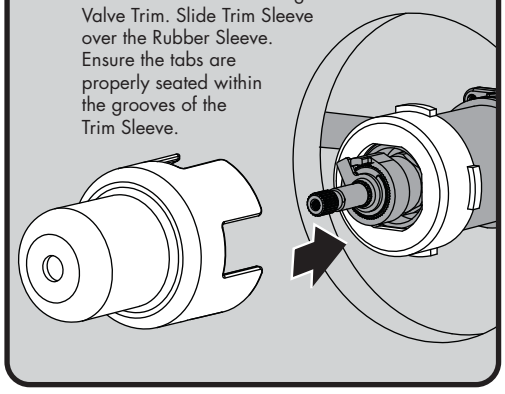
1 Remove the Handle Button Screw by inserting one of the included Mounting Screws thru the hole in the Handle.



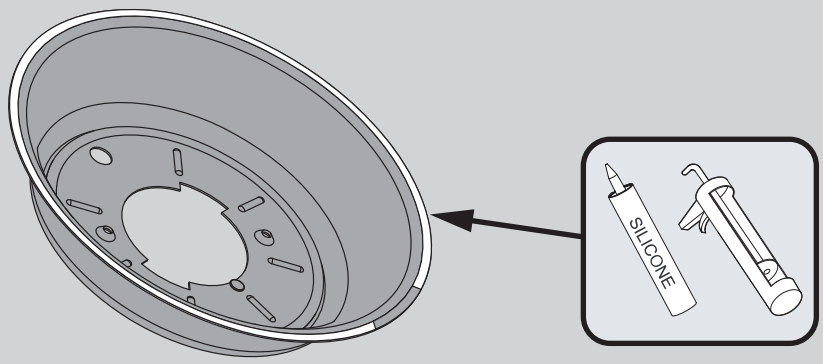
2 Insert the T/P Rubber Sleeve with Tabs over Valve Bonnet.



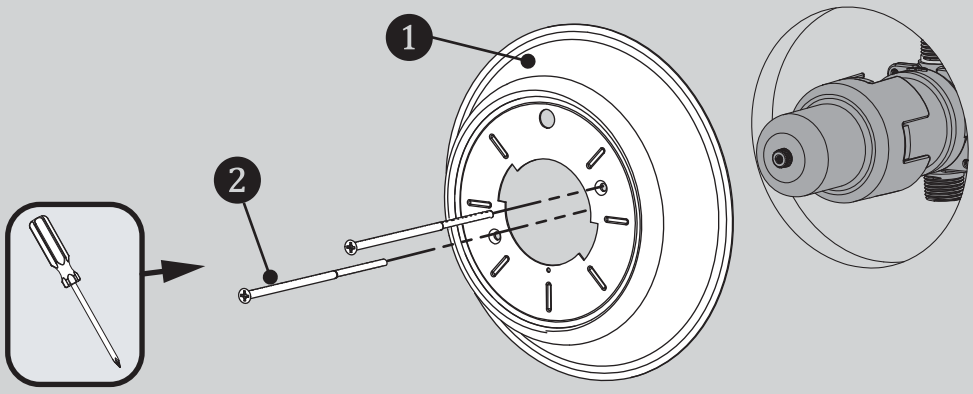
3 Be sure to have properly adjusted the Temperature Limiting Stop (TLS) as per the Valve Installation Instructions before installing Valve Trim. Slide Trim Sleeve over the Rubber Sleeve. Ensure the tabs are properly seated within the grooves of the Trim Sleeve.



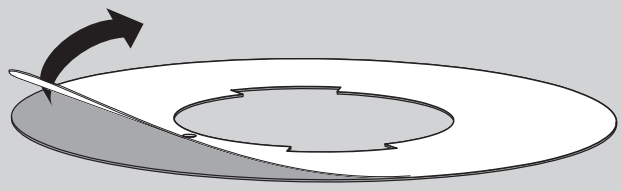
4 Clean wall surface. Orient Wall Plate as shown below. Apply clear silicone sealant to the backside outer flat surface of the Wall Plate, while leaving a small area open at the bottom. This will allow for any moisture to drain.



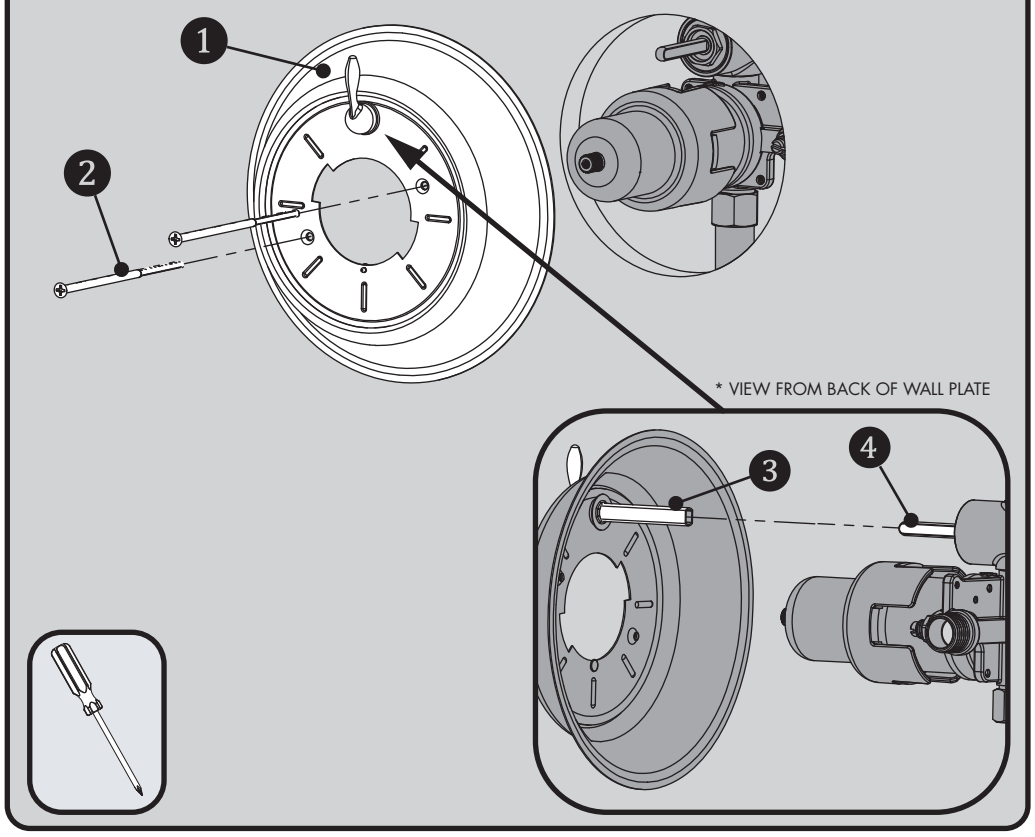
5A **FOR CPT-5001 -** Align the Wall Plate (1) as shown below. Secure to Valve with the included Mounting Screws (2). Take care to not over tighten Mounting Screws. Remove excess sealant after securing Wall Plate to wall.



6 Remove protective film from Trim Index Plate.

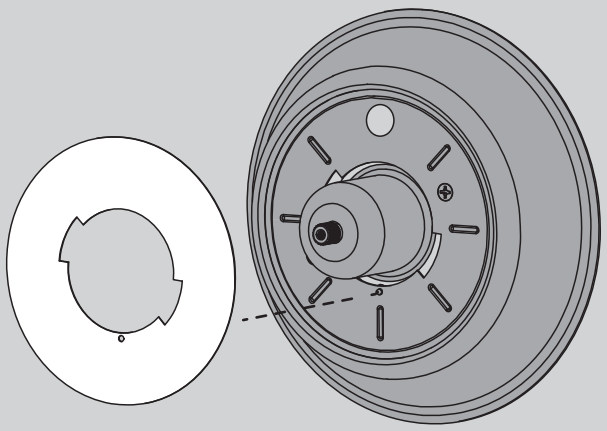


5B **FOR CPT-5401 -** Align the Wall Plate (1) as shown below. Verify the Diverter Valve Stem is in the OFF (vertical) position. Align the Diverter Drive Tube (3) on the Wall Plate to the Stem (4) of the Diverter Valve. Secure to Valve with the included Mounting Screws (2). Take care to not over tighten Mounting Screws. Remove excess sealant after securing Wall Plate to wall.



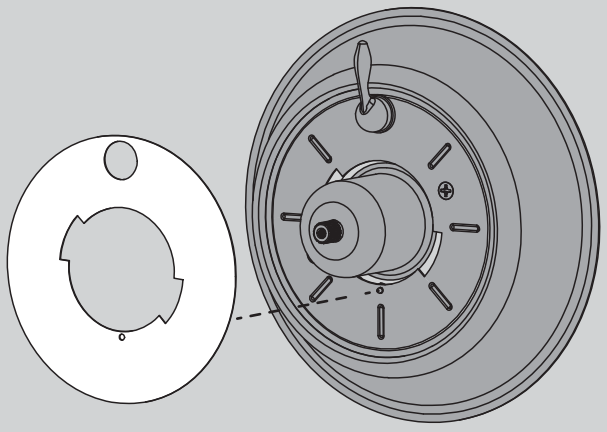
7

CPT-5001: Slide Index Plate over the Trim Sleeve. Align Index Plate with the small Alignment Pin on the Wall Plate, and hold Index Plate in place for the next step.

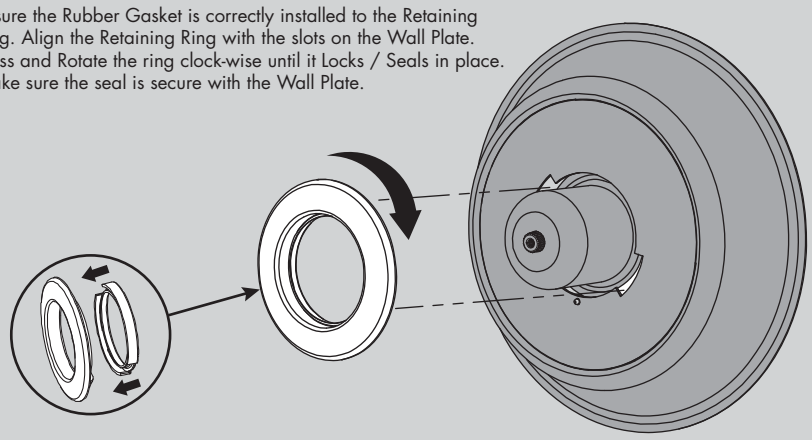


OR

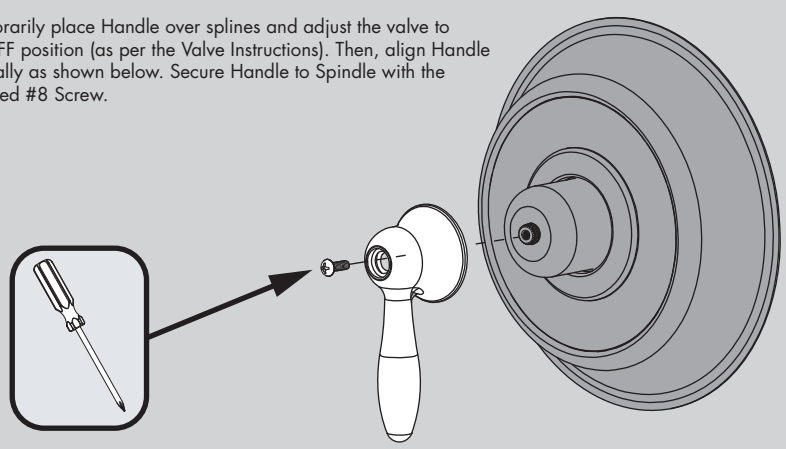
CPT-5401: Slip the upper hole of the Index Plate over the Diverter Handle and then align the large hole of the Index Plate over the Trim Sleeve. Align Trim Index Plate with the small Alignment Pin on the Wall Plate, and hold Index Plate in place for the next step.



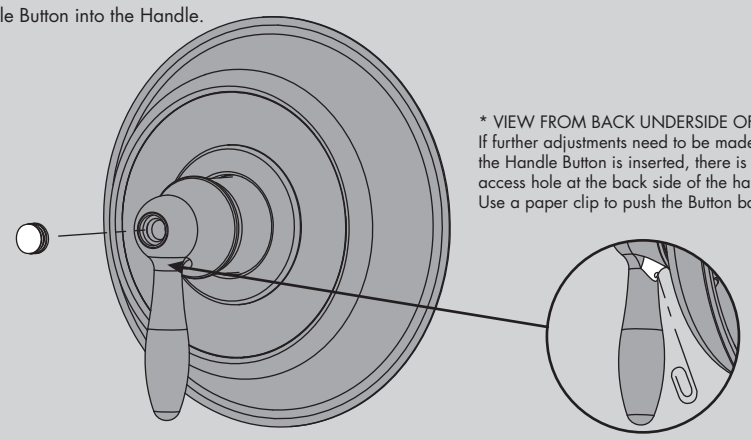
8 Ensure the Rubber Gasket is correctly installed to the Retaining Ring. Align the Retaining Ring with the slots on the Wall Plate. Press and Rotate the ring clock-wise until it Locks / Seals in place. Make sure the seal is secure with the Wall Plate.



9 Temporarily place Handle over splines and adjust the valve to the OFF position (as per the Valve Instructions). Then, align Handle vertically as shown below. Secure Handle to Spindle with the included #8 Screw.



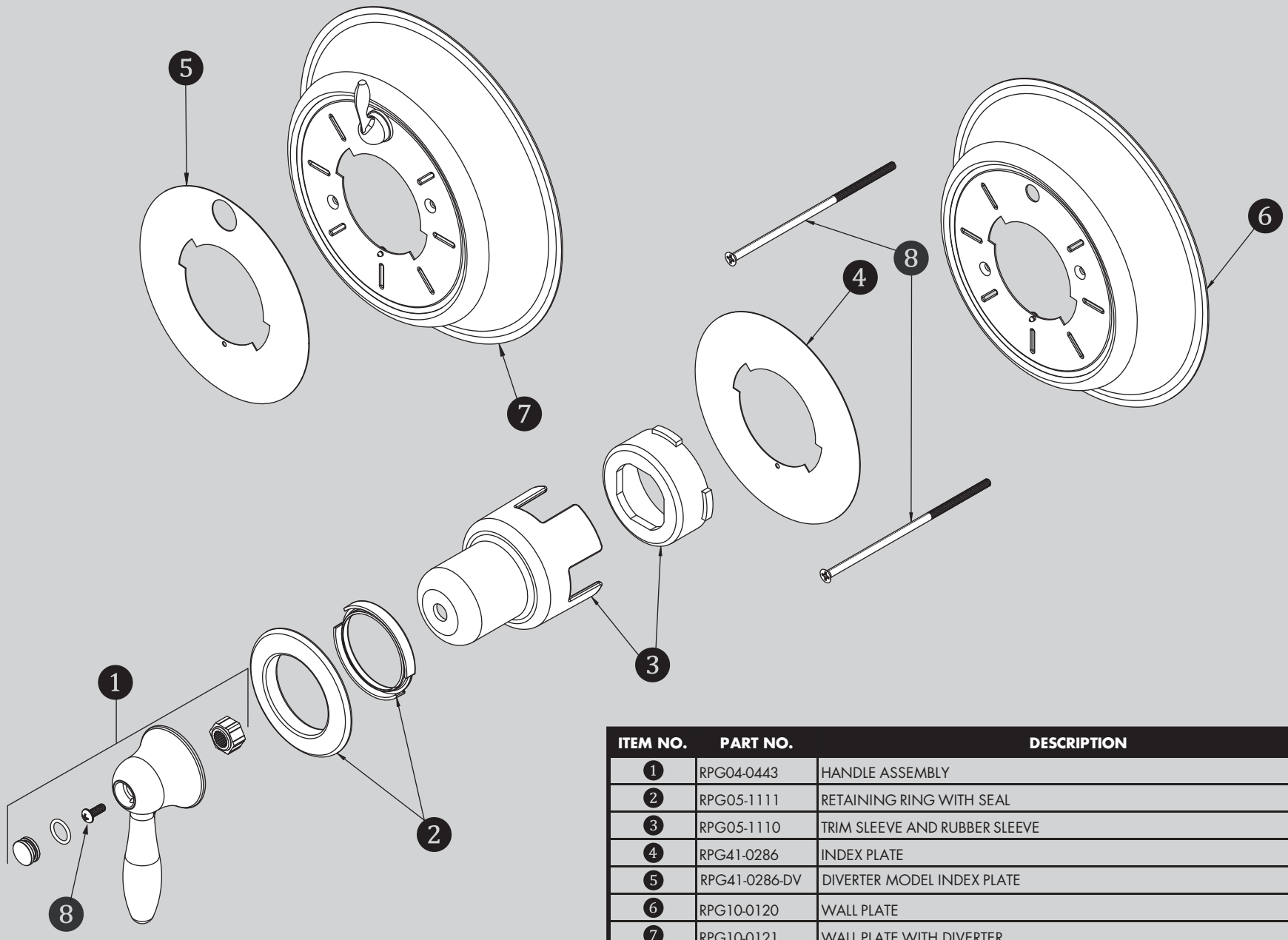
10 Insert Handle Button into the Handle.



* VIEW FROM BACK UNDERSIDE OF HANDLE
If further adjustments need to be made after the Handle Button is inserted, there is an access hole at the back side of the handle. Use a paper clip to push the Button back out.

CPT-5001 / CPT-5401 REPAIR PARTS

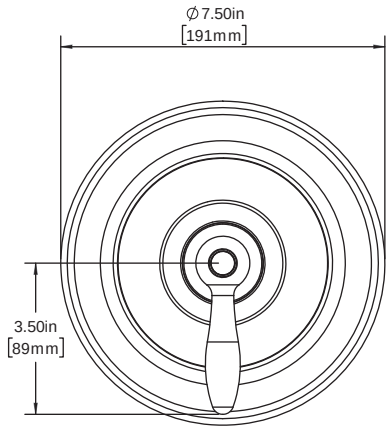
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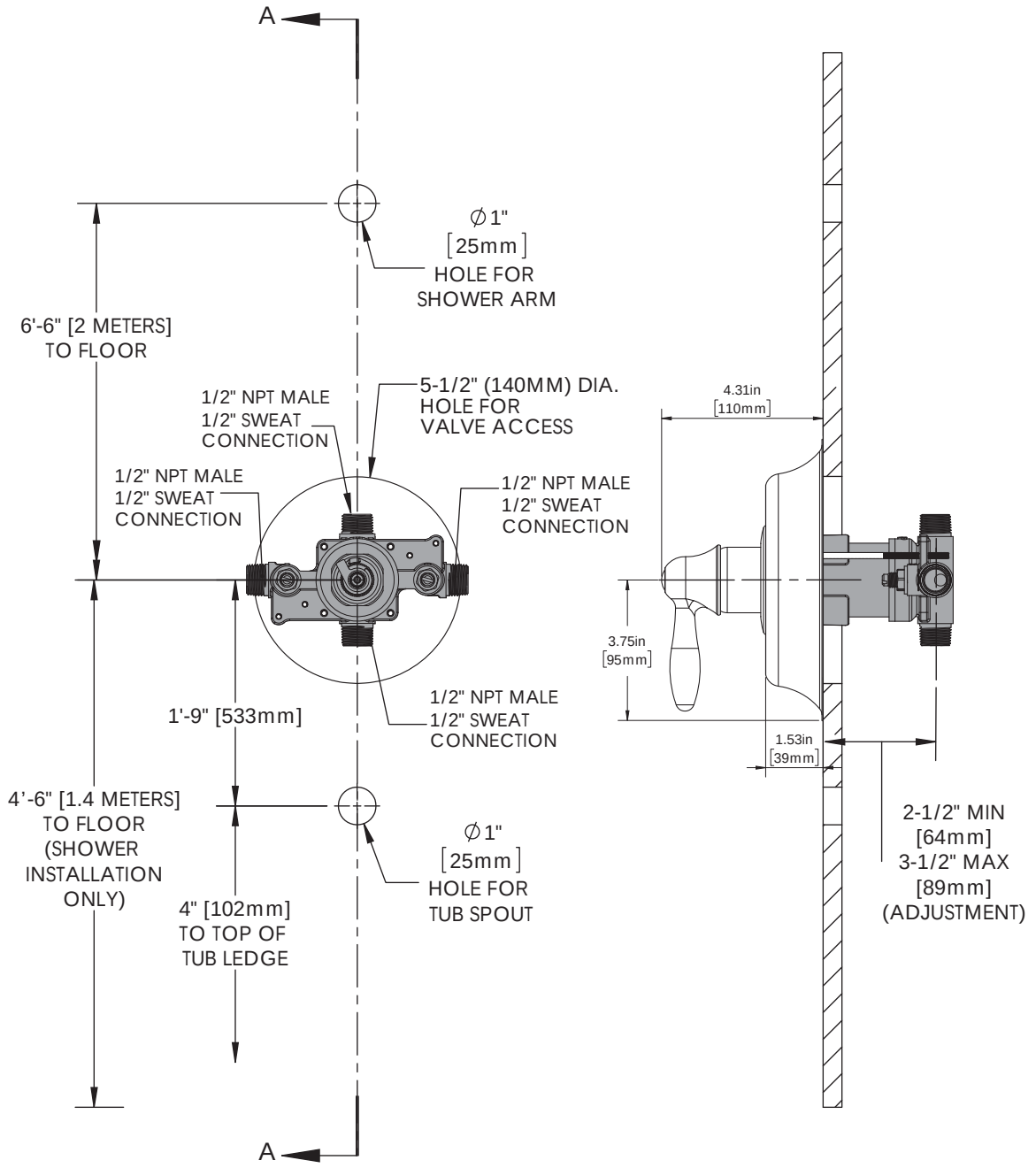
ITEM NO.	PART NO.	DESCRIPTION
1	RPG04-0443	HANDLE ASSEMBLY
2	RPG05-1111	RETAINING RING WITH SEAL
3	RPG05-1110	TRIM SLEEVE AND RUBBER SLEEVE
4	RPG41-0286	INDEX PLATE
5	RPG41-0286-DV	DIVERTER MODEL INDEX PLATE
6	RPG10-0120	WALL PLATE
7	RPG10-0121	WALL PLATE WITH DIVERTER
8	RPG10-0119	MOUNTING HARDWARE (ALL SCREWS)

CPT-5001 ROUGH-IN DIAGRAM

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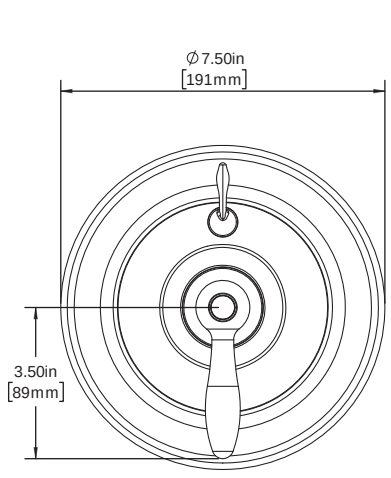
VALVE MOUNTING IS SHOWN FOR REFERENCE ONLY.
VALVE IS NOT INCLUDED WITH CPT-5000



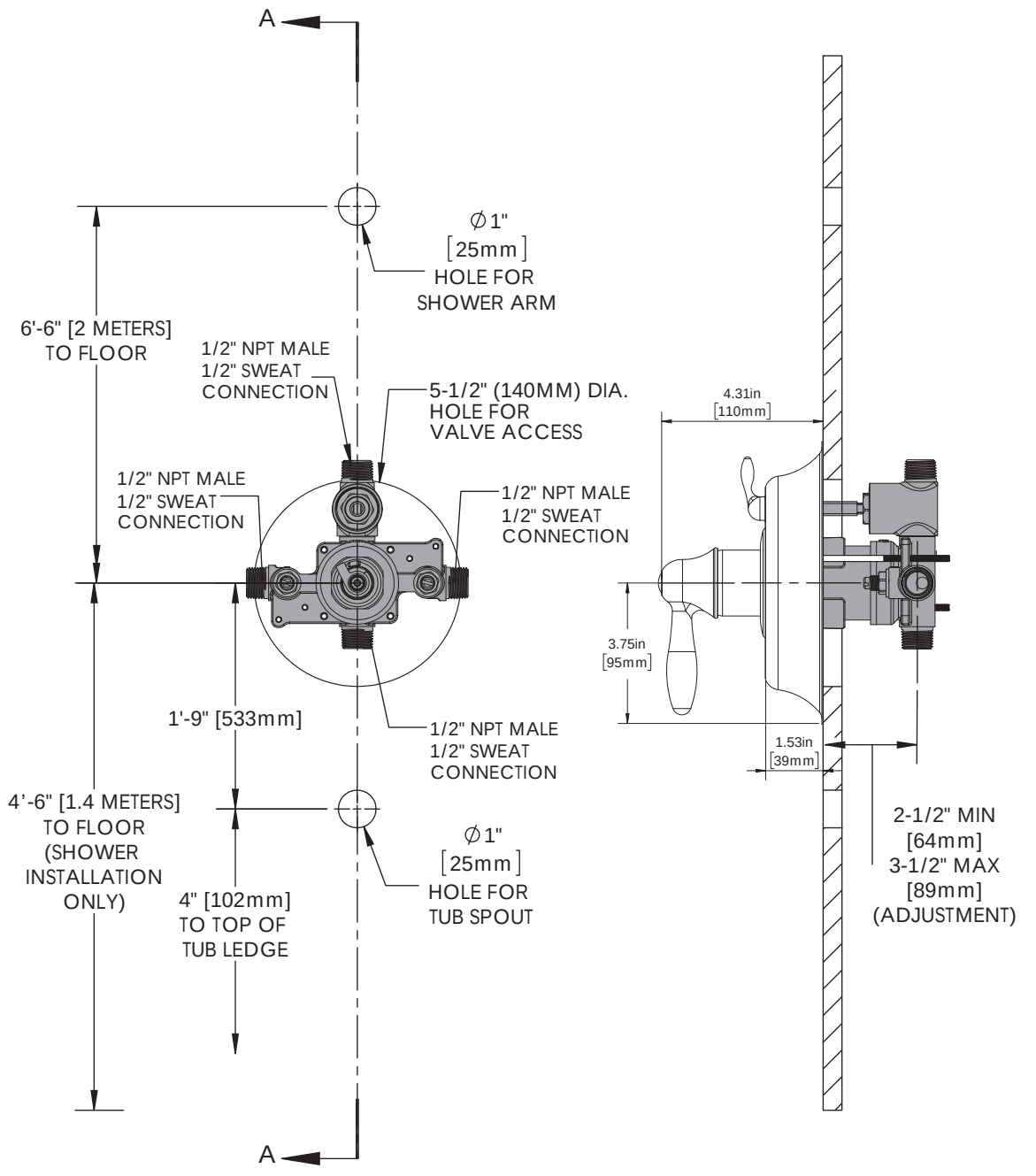
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

CPT-5401 ROUGH-IN DIAGRAM

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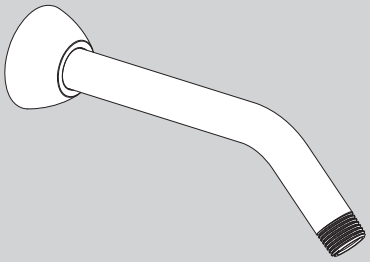
VALVE MOUNTING IS SHOWN FOR REFERENCE ONLY.
VALVE IS NOT INCLUDED WITH CPT-5400



DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

INSTRUCTIONS FOR MODELS

S-2500



NEED HELP?

For additional assistance or service please contact:

SPEAKMAN® Company
400 Anchor Mill Road
New Castle, DE 19720

800-537-2107

customerservice@speakman.com

www.speakman.com

92-S-2500-R5

TOOLS AND SUPPLIES

Thread Seal Tape



⚠ IMPORTANT ⚠

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

SAFETY TIPS

Cover your drain to prevent loss of parts.

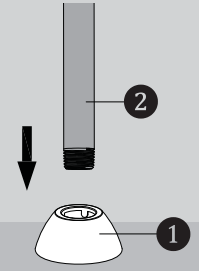
MAINTENANCE

Your new Shower Arm 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.

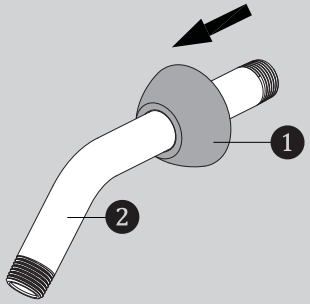
WARRANTY

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

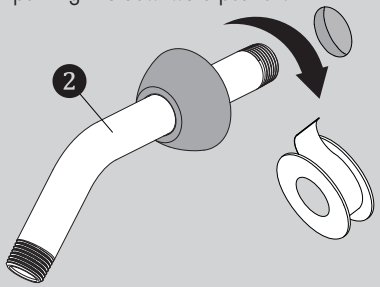
1 Place the Escutcheon Plate (1) on a flat surface. Push the long end of the Shower Arm (2) down into the plate. This will help the teeth of the plate slide over the arm easier.



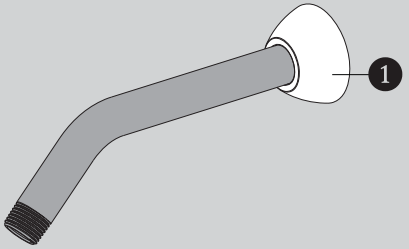
2 Once the Escutcheon Plate (1) is on the shower arm, slide the plate over the Shower Arm (2).



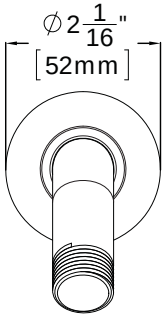
3 Apply Teflon Tape to inlet side of Shower Arm (2). Thread Shower Arm (2) into Female Pipe Fitting within the wall. Firmly tighten, and make sure Shower Arm (2) Outlet is pointing in a downward position.

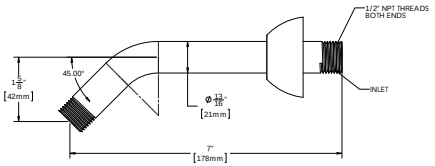


4 Position Escutcheon Plate (1) flat against wall.



ROUGH IN DIMENSIONS



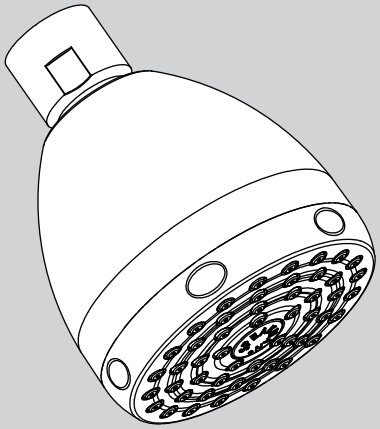


Specifications:

Supply Inlet: 1/2" NPT MALE
Outlet: 1/2" NPT MALE

INSTRUCTIONS FOR MODELS

S-2272-E2
S-2272-E15



NEED HELP?

For additional assistance or service please contact:

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400 Anchor Mill Road
New Castle, DE 19720

800-537-2107

customerservice@speakman.com

www.speakman.com

92-S-2272-01

TOOLS AND SUPPLIES

Thread Seal Tape



Adjustable Wrench



⚠ IMPORTANT ⚠

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

SAFETY TIPS

Cover your drain to prevent loss of parts.

MAINTENANCE

Periodic cleaning using a mild soap and warm water will help keep your Showerhead's appearance in its original condition.

For best results, dry immediately with a soft, clean cloth. DO NOT USE harsh and/or abrasive cleaners.

To help restore the finish, occasionally apply a non-abrasive wax to your showerhead body (follow manufacturers' instructions).

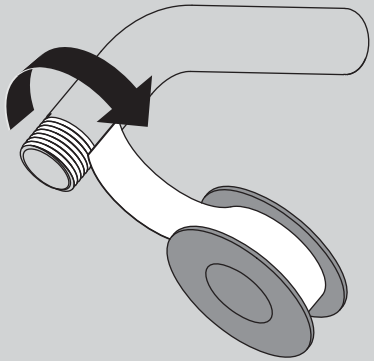
On CHROME PLATED SHOWER HEADS, a two (2) part white vinegar, one (1) part water solution can be used to break down excessive mineral deposits on the sprays. Let the showerhead soak in the solution for about ½ hour then rinse thoroughly. Brush off any remaining mineral deposits if necessary.

DO NOT USE the vinegar/water treatment on any finish other than Chrome.

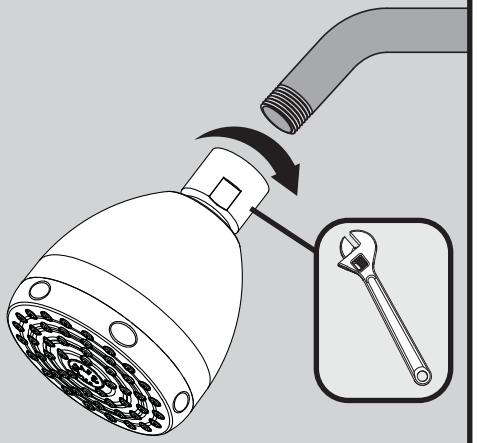
WARRANTY

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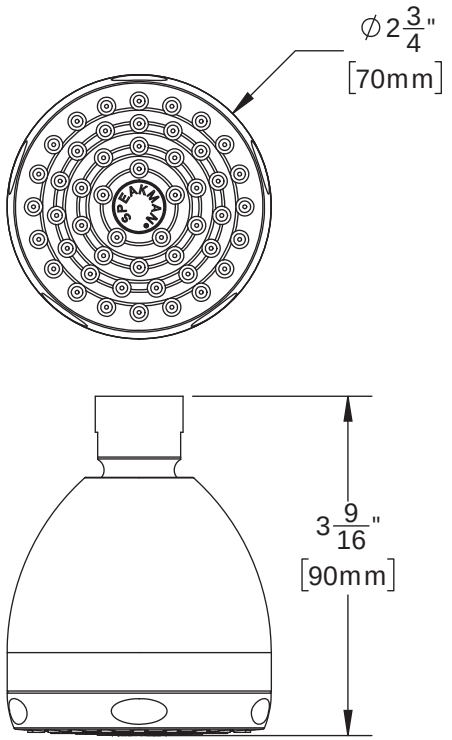
1 Apply Teflon Tape to the outlet side of shower arm in a clockwise direction.



2 Thread Shower head onto shower arm by turning it in a clockwise direction. Tighten with adjustable wrench. Turn water supply on and check for leaks.



ROUGH IN DIMENSIONS



Model: S-2272-E2
Max. Flow Rate: 2.0 gpm (7.6 L/min)
Min. Flow Rate: 1.5 gpm (5.7 L/min) @ 45psi
FOR USE WITH AUTOMATIC COMPENSATING VALVES RATED AT 6.6 L/MIN (1.75 GPM) OR LESS.

Model: S-2272-E15
Max. Flow Rate: 1.5 gpm (5.7 L/min)
Min. Flow Rate: 1.1 gpm (4.2 L/min) @ 45psi
FOR USE WITH AUTOMATIC COMPENSATING VALVES RATED AT 5.2 L/MIN (1.37 GPM) OR LESS.

Specifications:

Inlet: 1/2" NPSM FEMALE