SPEAKMAN®

SLV-3050

Installation, Operation & Maintenance Instructions

SENTINEL MARK II® COMBINATION SERIES

DESCRIPTION

Speakman Sentinel Mark II® Combination, SLV-3050 includes: Trim (CPT-3001), Hand Shower with Flow Control (VS-100-PC), Supply Ell with Wall Flange (VS-115), In-line Vacuum Breaker (VS-117), 30in Slide Bar (VS-123), Diverter Tub Spout (S-1556), and 69in Metal (SS) Hose. This combination does not include the Shower Valve.

PB This combination should be installed with one of the following Speakman Sentinel Mark II® Pressure Balance Shower Valves

CPV-PB: Pressure Balance Shower Valve
Sweat & Thread Connections

CPV-PB-PXC: Pressure Balance Shower Valve
PEX F1807 Crimp Inlet Connections

CPV-PB-PXE: Pressure Balance Shower Valve
PEX F1960 Cold-Expansion Inlet Connections

T This combination should be installed with one of the following Speakman Sentinel Mark II® Thermostatic Shower Valves

CPV-T: Thermostatic Shower Valve
Sweat & Thread Connections

CPV-T-PXC: Thermostatic Shower Valve
PEX F1807 Crimp Inlet Connections

CPV-T-PXE: Thermostatic Shower Valve
PEX F1960 Cold-Expansion Inlet Connections

SPECIFICATIONS

CPT-3001 SENTINEL MARK II® SHOWER VALVE TRIM:
FINISH: Polished Chrome
COMPLIANCE: ASME A112.18.1 / CSA B125.1 Standard

VS-100-PC HAND SHOWER WITH FLOW CONTROL:
CONNECTIONS: ½" NPSM Male Inlet
FLOW RATE: 2.5 gpm (9.5 L/min)
FINISH: Polished Chrome
COMPLIANCE: ASME A112.18.1 / CSA B125.1 Standard

VS-115 SUPPLY ELL WITH WALL FLANGE:
CONNECTIONS: ½" NPT Female Inlet; ½" NPSM Male Outlet
FINISH: Polished Chrome

VS-117 IN-LINE VACUUM BREAKER:
CONNECTIONS: ½" NPSM Female Inlet; ½" NPSM Male Outlet
FINISH: Polished Chrome
COMPLIANCE: ASSE 1014 Standard

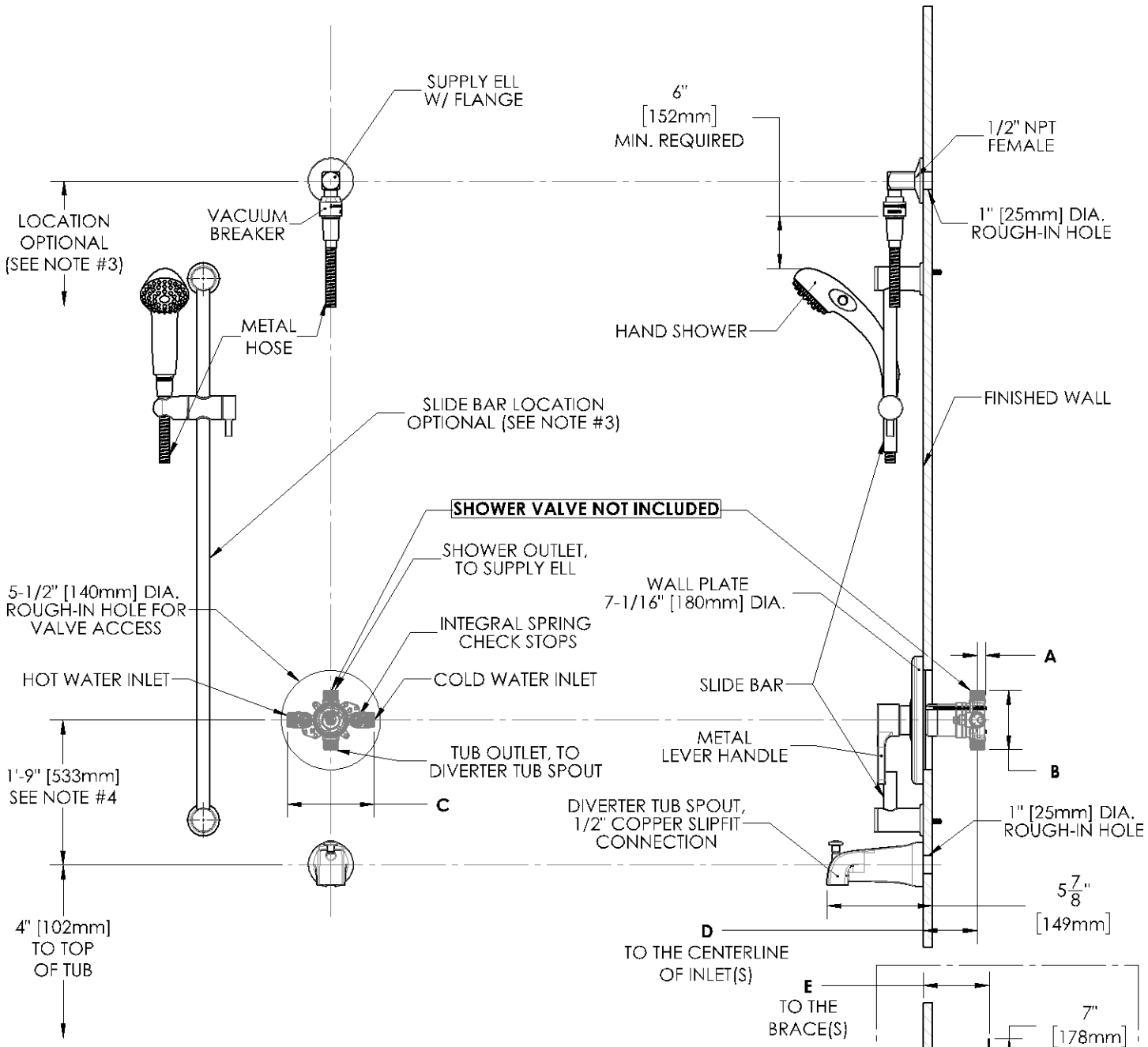
VS-123 30in SLIDE BAR:
FINISH: Polished Chrome

S-1556 DIVERTER TUB SPOUT:
CONNECTIONS: ½" Copper Slip-fit
FINISH: Polished Chrome

INSTRUCTIONS

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

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. THE LOCATIONS OF THE SLIDE BAR AND SUPPLY ELL ARE OPTIONAL, BUT RESTRICTED BY THE 69" HOSE LENGTH RUNNING FROM THE SUPPLY ELL CONNECTION TO THE HAND SHOWER AND THE 6" MINIMUM REQUIREMENT BETWEEN THE IN-LINE VACUUM BREAKER AND TOP OF THE HAND SHOWER (HAND SHOWER ADJUSTED TO HIGHEST POSITION).
4. FOR ADA MOUNTING LOCATIONS CONSULT ADAAG, ANSI A117.1, OR STATE REGULATIONS.

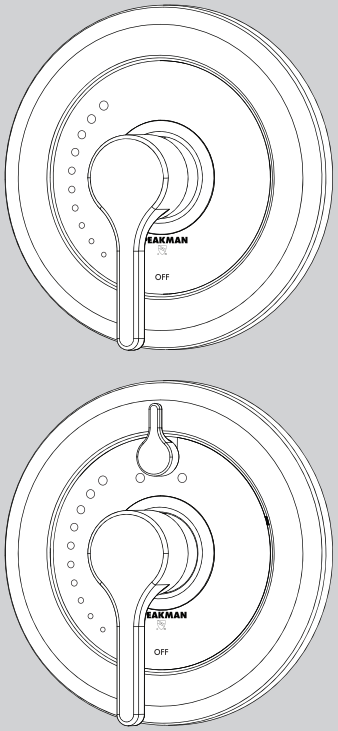
DIMENSION	CPV-PB	CPV-T	CPV-PB-PXC	CPV-PB-PXE	CPV-T-PXC	CPV-T-PXE
A	7/16" (11mm)	1/2" (12mm)	7/16" (11mm)		1/2" (12mm)	
B	3-5/16" (84mm)	3-1/2" (89mm)	3-5/16" (84mm)		3-1/2" (89mm)	
C	4-13/16" (123mm)	5-7/8" (150mm)	4-13/16" (123mm)		5-7/8" (150mm)	
D	2-1/2" (63mm) MIN TO 3-1/2" (89mm) MAX					
E			3-1/8" (79mm) MIN TO 4-1/8" (105mm) MAX		3-3/16" (81mm) MIN TO 4-3/16" (106mm) MAX	

SPEAKMAN®

Phone: 800-537-2107 Fax: 800-977-2747

INSTRUCTIONS FOR MODELS

CPT-3001
CPT-3401



NEED HELP?

For additional assistance or service please contact:

SPEAKMAN®

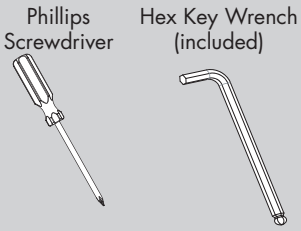
800-537-2107

customerservice@speakman.com

www.speakman.com

92-CPT-3001-01

TOOLS AND SUPPLIES



IMPORTANT

- Be sure to read instructions thoroughly before beginning installation.
- Be sure to have properly adjusted the Temperature Limiting Stop (TLS) as outlined in the Valve Installation Manual.
- Cover your drain to prevent loss of parts. Be sure to wear eye protection while cutting pipe.

MAINTENANCE

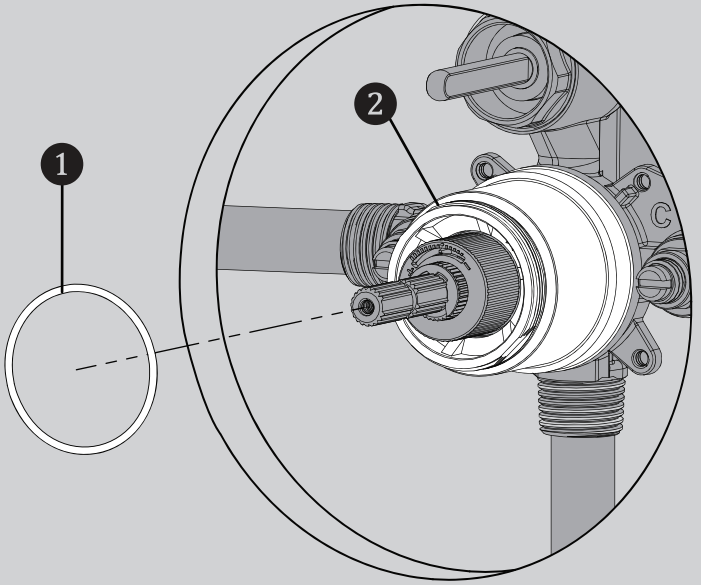
Your new Valve Trim is designed for years of trouble-free performance. Keep it looking new by cleaning it periodically with a soft cloth. The use of harsh chemicals and abrasives on any of the Speakman custom finish products may damage the finish and void the product warranty. Please be sure to only use approved cleaners. Please contact Speakman for any clarification of acceptable cleaners.

WARRANTY

Warranty information can be found at:
www.speakman.com

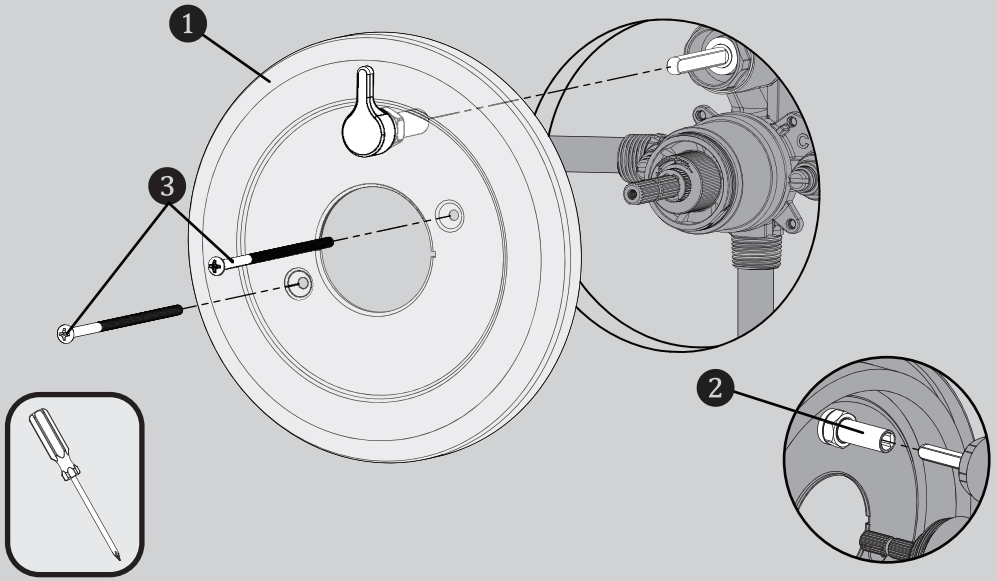
1

OPTIONAL: If a firm fit is required, insert the O-Ring ❶ onto the Bonnet ❷ of the Shower Valve.

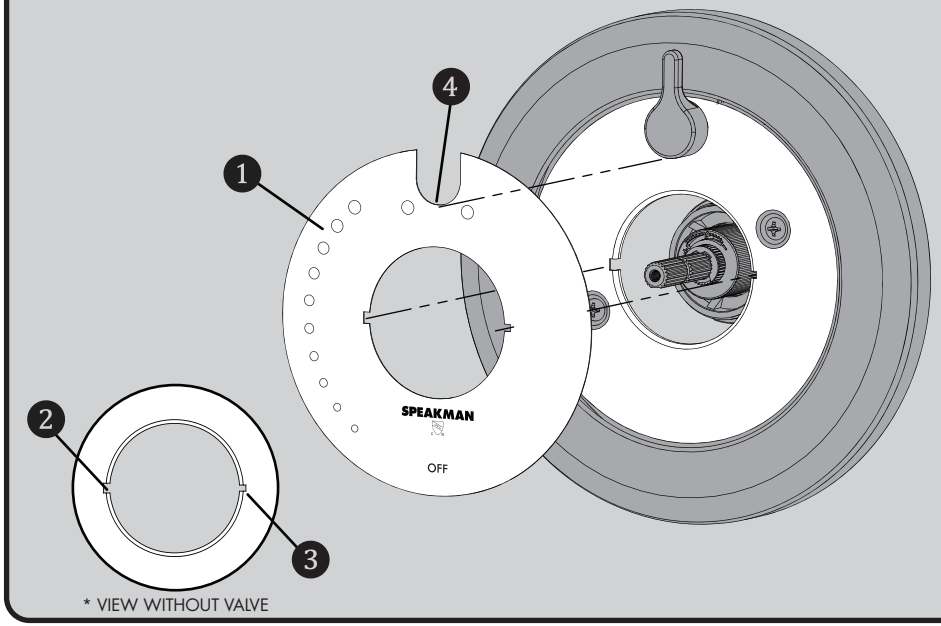


2

Verify that the Valve is in the "OFF" position. Install the Wall Plate ❶ to the Valve. If installing a Diverter model of Trim, align the Diverter Handle to the 12 o'clock position and position the Diverter Drive Tube ❷ over the Diverter Spindle of the Valve. Secure with the included Mounting Screws ❸.

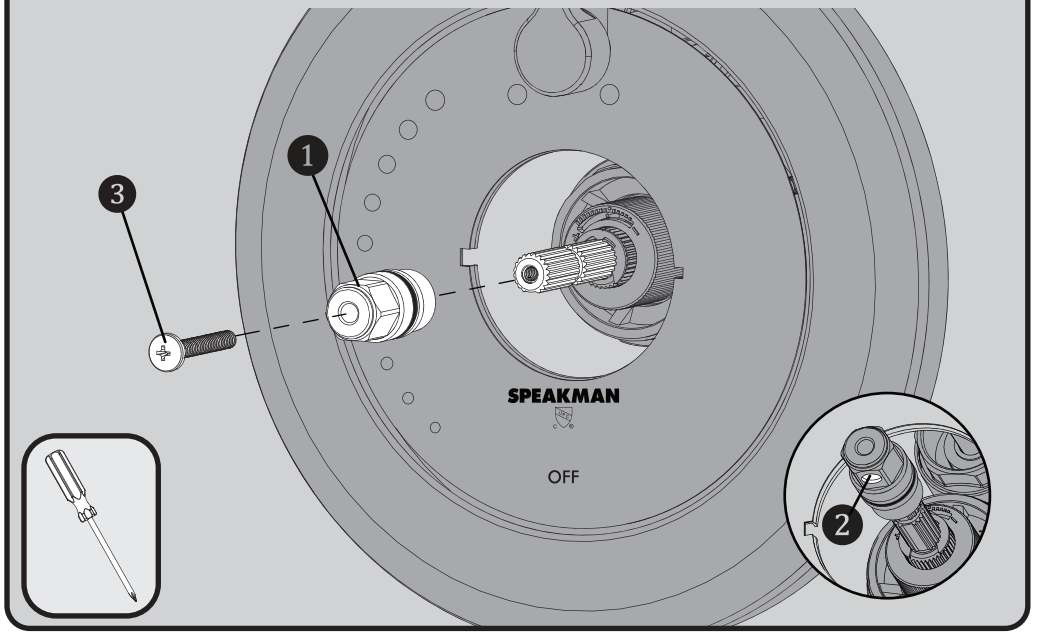


3 Align the Index Plate ❶ with the Large Slot ❷ and Small Slot ❸ on the Wall Plate. If installing onto a Diverter Model, align the U shape ❹ under the Diverter Handle and then align to the slots.

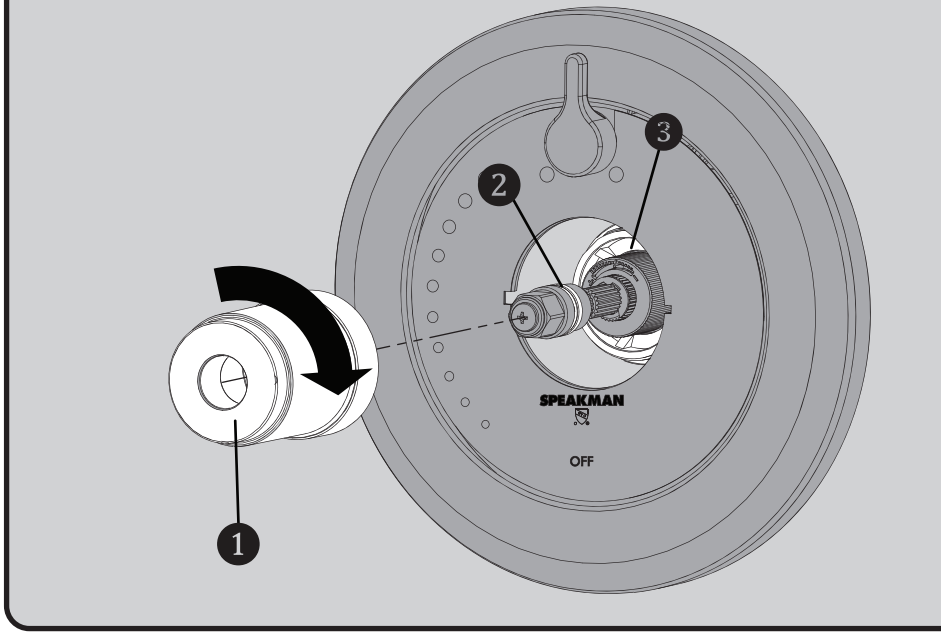


* VIEW WITHOUT VALVE

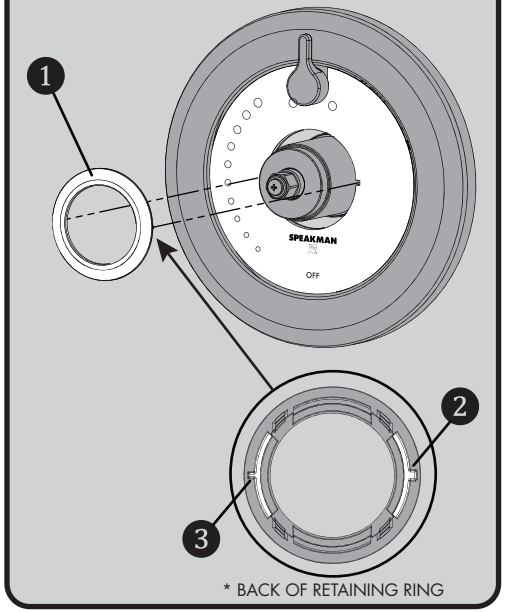
4 Install the Spindle Adapter ❶ (with appropriate O-ring in its place) onto the Spindle so that the Circular Indent ❷ is pointing downward and is horizontal as shown below. Secure the Spindle Adapter with the included Screw ❸.



5 Push the Escutcheon ❶ gently over the O-ring ❷ of Spindle Adapter. Thread the Escutcheon onto the Bonnet ❸ of the Valve. Hand tighten into position.

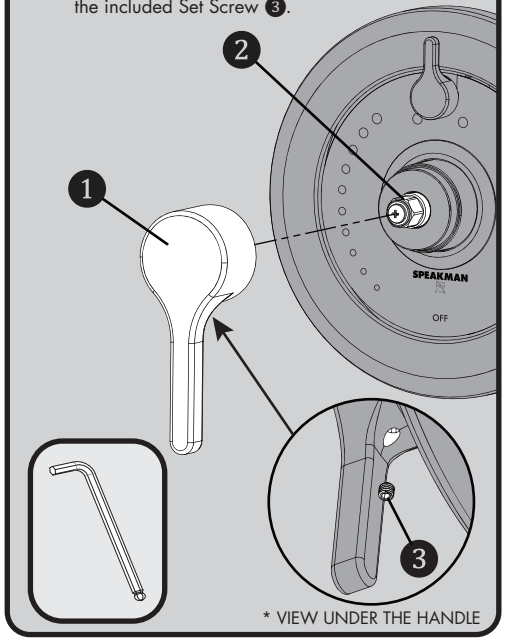


6 Install Retaining Ring ❶. Align the Retaining Ring with the Large Slot ❷ and Small Slot ❸ on the Wall Plate. Snap in place.



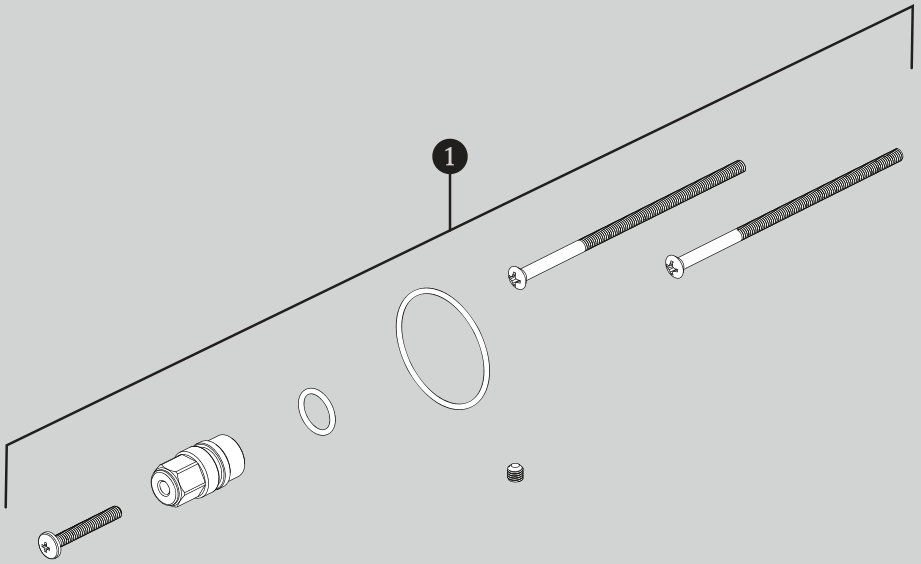
* BACK OF RETAINING RING

7 Orient the Handle ❶ as shown below and position over the Spindle Adapter ❷. Secure with the included Set Screw ❸.



* VIEW UNDER THE HANDLE

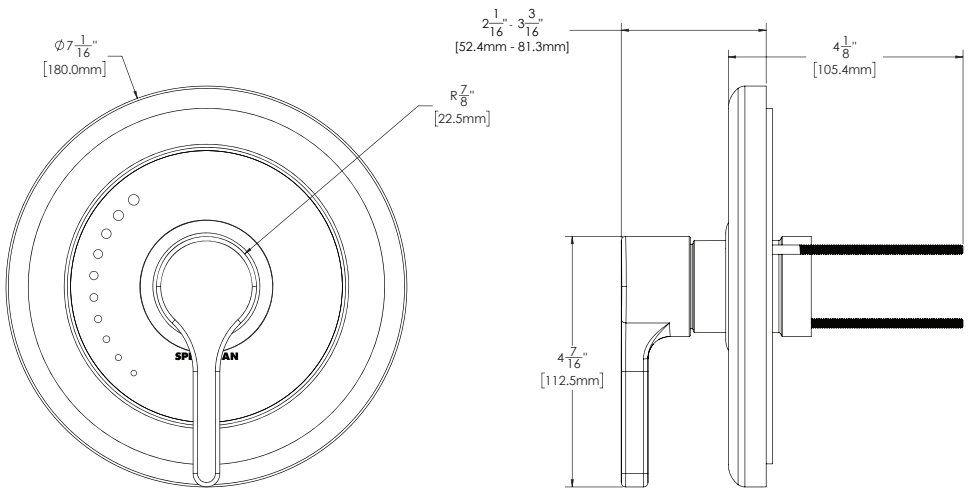
CPT-3001/3401 REPAIR PARTS



ITEM NO.	PART NO.	DESCRIPTION
1	RPG05-1126	REPAIR PARTS GROUP FOR CPT-3X01 TRIMS

CPT-3001 ROUGH-IN DIAGRAM

SPEAKMAN®

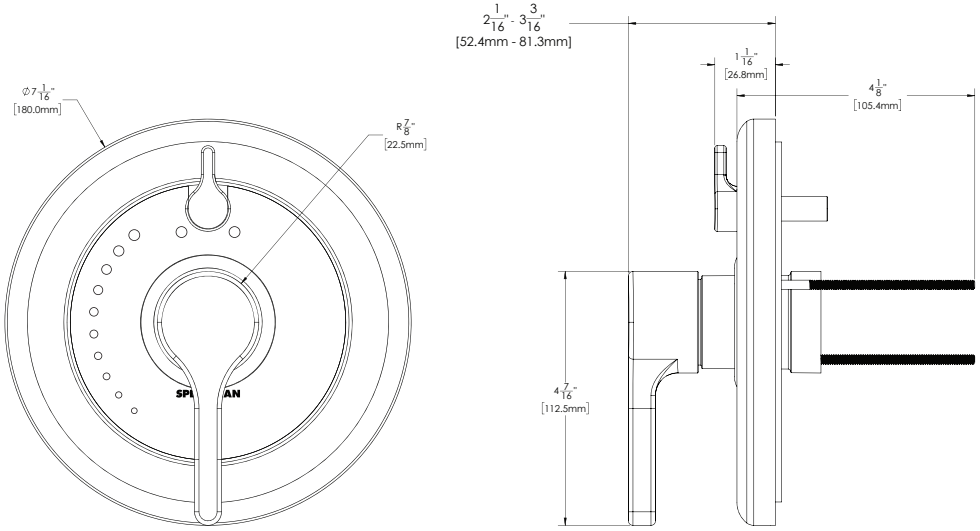


TRIM IS SHOWN AT A ROUGH-IN DEPTH OF 3.0in

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

CPT-3401 ROUGH-IN DIAGRAM

SPEAKMAN®

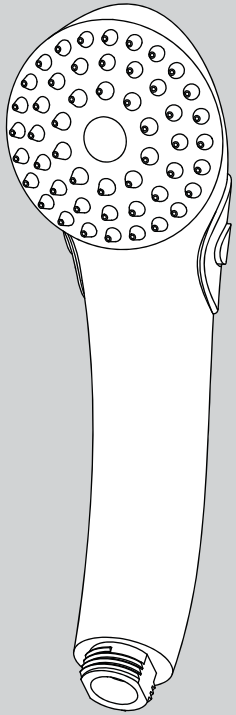


TRIM IS SHOWN AT A ROUGH-IN DEPTH OF 3.0in

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

INSTRUCTIONS FOR MODELS

VS-100-PC
VS-100-PC-E2
VS-100-PC-E175



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-VS-100-PC-04

TOOLS AND SUPPLIES

Thread Seal Tape (included)



⚠ IMPORTANT ⚠

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

SAFETY TIPS

Cover your drain to prevent loss of parts.

MAINTENANCE

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

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

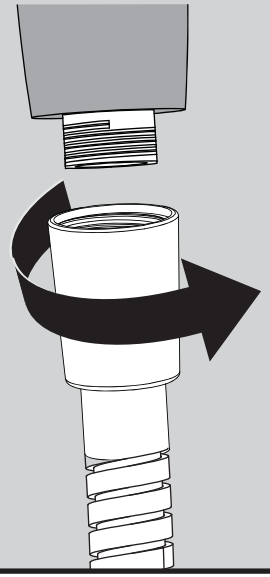
On CHROME PLATED HAND SHOWERS, a two (2) part white vinegar, one (1) part water solution can be used to break down excessive mineral deposits on the sprays. Let the hand shower soak in the solution for about ½ hour then rinse thoroughly. Brush off any remaining mineral deposits if necessary.

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

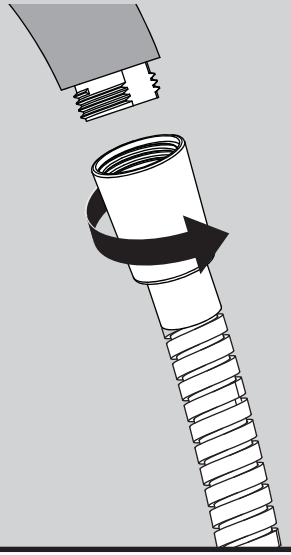
WARRANTY

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

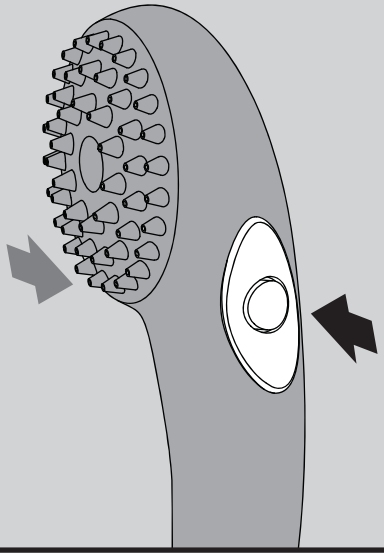
1 Connect the correct side of your hose (not included) to the water supply. Hand tighten.



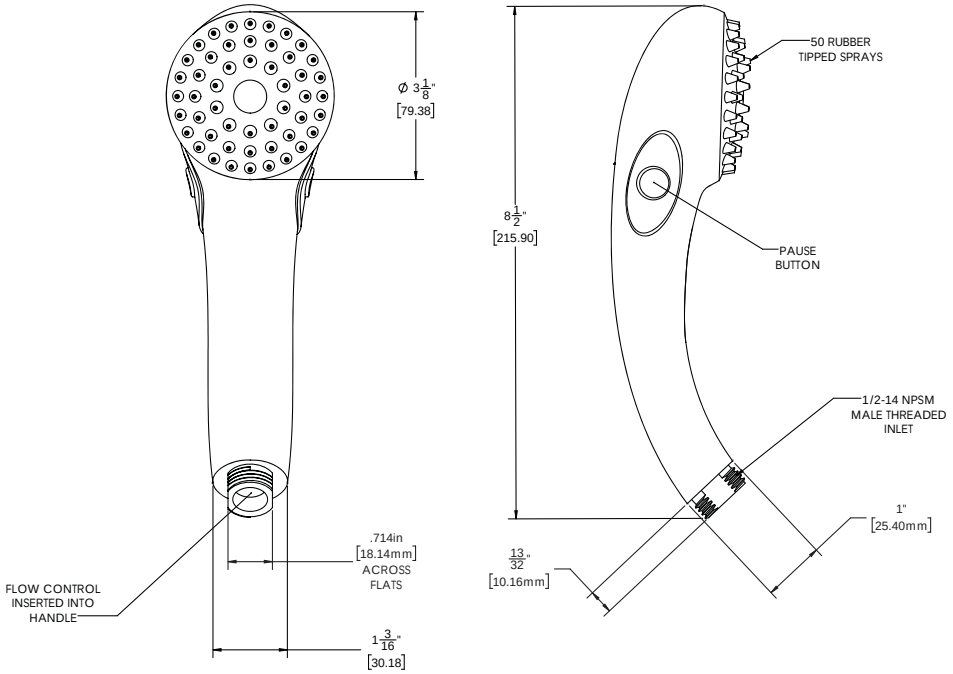
2 Connect remaining end of Hose to inlet of Hand Shower. Hand tighten. If there are leaks at the hose connections, look into using thicker washers to ensure a tight seal.



3 To pause the flow of water, press the integral thumb operated pause/trickle button located on the side of the hand shower. To return the hand held shower to full flow, press the shuttle button from the opposite side.



ROUGH IN DIMENSIONS



VS-100-PC
Max. Flow Rate: 2.5 gpm (9.5L/min)
Min. Flow Rate: 2.0 gpm (7.6 L/min) @ 45psi
FOR USE WITH AUTOMATIC COMPENSATING VALVES
RATED AT 7.6 L/MIN (2.0 GPM) OR LESS.

VS-100-PC-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.

VS-100-PC-E175
Max. Flow Rate: 1.75 gpm (6.6 L/min)
Min. Flow Rate: 1.3 gpm (4.9 L/min) @ 45psi
FOR USE WITH AUTOMATIC COMPENSATING VALVES
RATED AT 5.7 L/MIN (1.5 GPM) OR LESS.

SPEAKMAN COMPANY

VS-115 Installation, Maintenance & Operation Instructions

VERSATILE ® SUPPLY ELL

DESCRIPTION

VERSATILE® chrome plated brass supply ell with wall flange.

SPECIFICATIONS

SUPPLY INLET: ½" NPT FEMALE
OUTLET: ½" NPSM MALE
SHIPPING WEIGHT: 0.4 LBS.

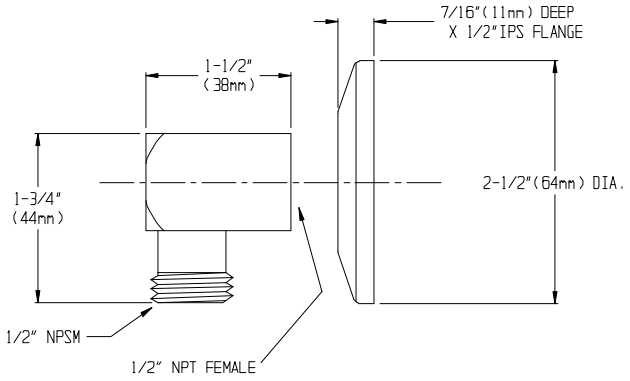
INSTALLATION

Slip the wall flange on to the inlet pipe. Using teflon tape or pipe dope on threads, screw ell onto pipe and wrench tighten. Connect accessories to supply ell and firmly hand tighten. Turn water supply on and check for leaks.

MAINTENANCE

The gleaming finish of your SPEAKMAN VERSATILE® VS-115 supply ell can be cleaned by using mild soap and warm water. Dry immediately with a soft, clean cloth for best results.

ROUGH-IN MEASUREMENTS



Product improvements may cause specification and dimensional changes without notice.

SPEAKMAN®
PO Box 191 Wilmington, DE 19899 Phone: 800-537-2107 Fax: 800-977-2747
Visit us on the web at www.speakmancompany.com

09/07
REV 1
92-1775

SPEAKMAN COMPANY

VS-117 Installation, Maintenance & Operation Instructions

VERSATILE ® VACUUM BREAKER

DESCRIPTION

VERSATILE® chrome plated brass in-line vacuum breaker.

SPECIFICATIONS

SUPPLY INLET: ½" NPSM FEMALE
OUTLET : ½" NPSM MALE
SHIPPING WEIGHT: XXX LBS.

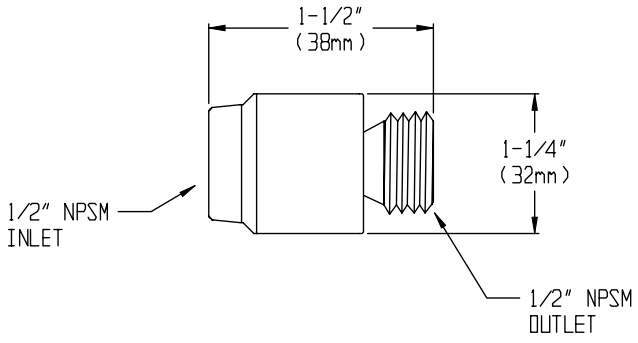
INSTALLATION

Connect, using rubber washer, to supply piping. Connect accessories to vacuum breaker. Firmly hand tighten connection. Turn water supply on and check for leaks.
Note: Do not install VS-117 in concealed locations or where spillage under certain service conditions might cause water damage. Avoid continuous pressure applications (shut off valve downstream of the vacuum breaker).

MAINTENANCE

The gleaming finish of your SPEAKMAN VERSATILE® VS-117 vacuum breaker can be cleaned by using mild soap and warm water. Dry immediately with a soft, clean cloth for best results.

ROUGH-IN MEASUREMENTS



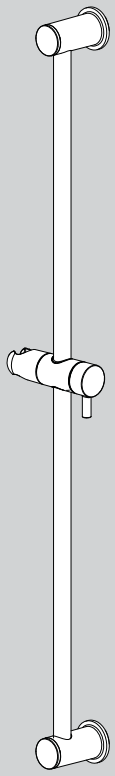
Product improvements may cause specification and dimensional changes without notice.

SPEAKMAN COMPANY
The Quality Leader Since 1869
P.O. Box 191, Wilmington, DE 19899-0191 USA
1-800-537-2107, Fax: 1-800-977-2747

04/00
92-1783

INSTRUCTIONS FOR MODELS

VS-123
VS-124



NEED HELP?

For additional assistance or service please contact:

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

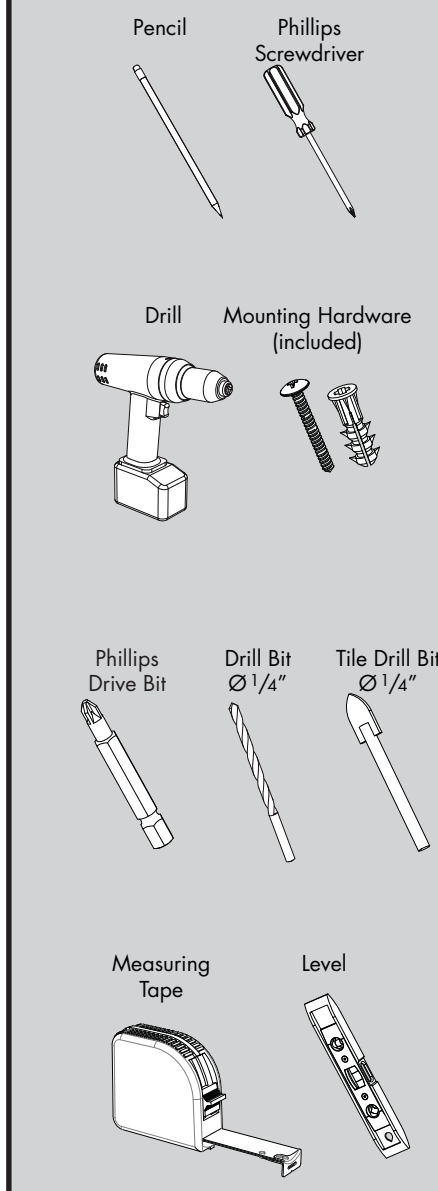
800-537-2107

customerservice@speakman.com

www.speakman.com

92-VS-12X-01

TOOLS AND SUPPLIES



IMPORTANT

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

SAFETY TIPS

- Cover your drain to prevent loss of parts. Be sure to wear eye protection.

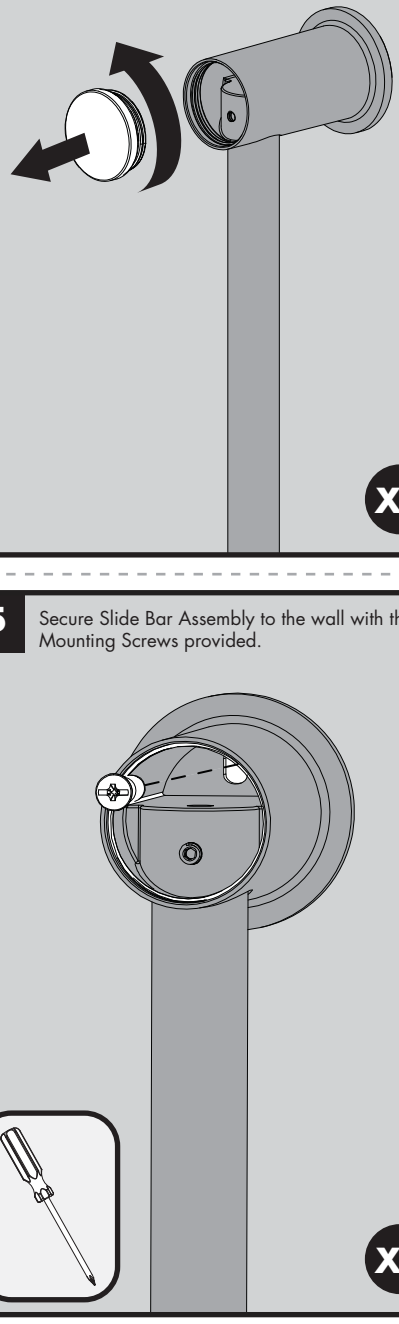
MAINTENANCE

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.

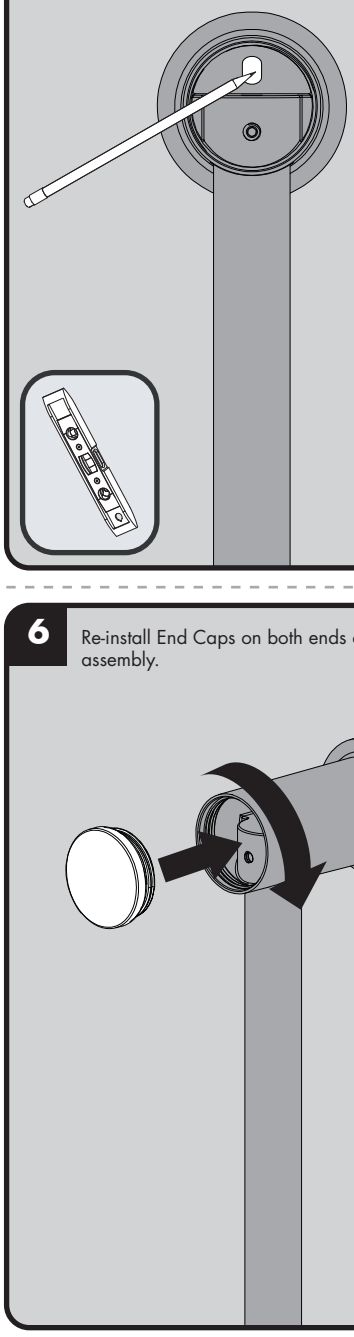
WARRANTY

Warranty information can be found at:
www.speakman.com

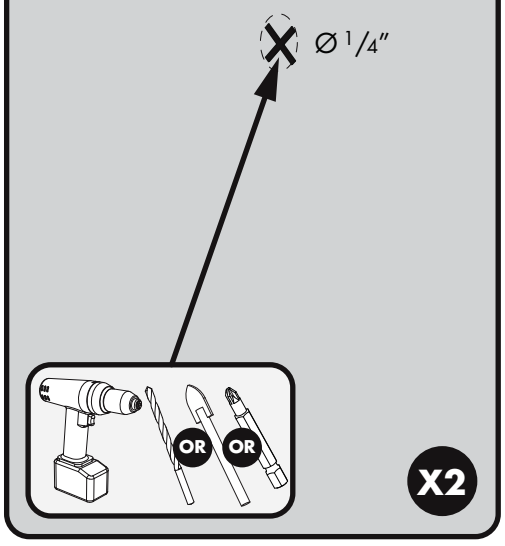
1 Remove End Caps from both ends of Slide Bar assembly.



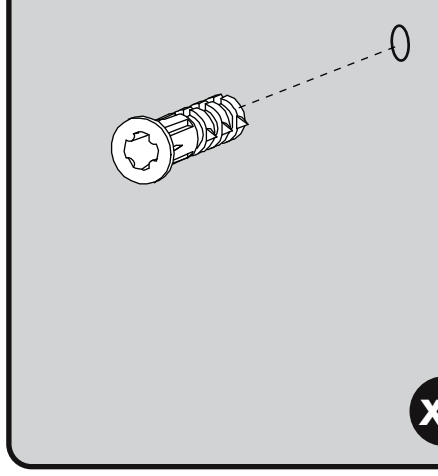
2 Place Slide Bar Assembly on to wall in the desired mounting position. Take care that the Slide Bar is oriented in a vertical position. Using a pencil, mark the 2 hole locations.



3 If mounting directly to wood stud, Plastic Anchors are not required. If mounting to drywall or tile, select appropriate 1/4" drill bit and drill guide holes at marked locations.



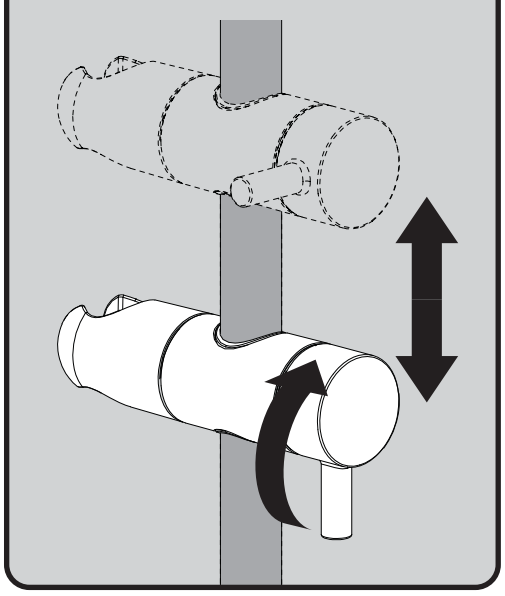
4 Insert Plastic Anchors into drilled holes and press/tap into place until the head is flush to the wall surface. (Note: Plastic Anchors provided may not be suitable for all types of wall construction, seek professional help if in doubt).



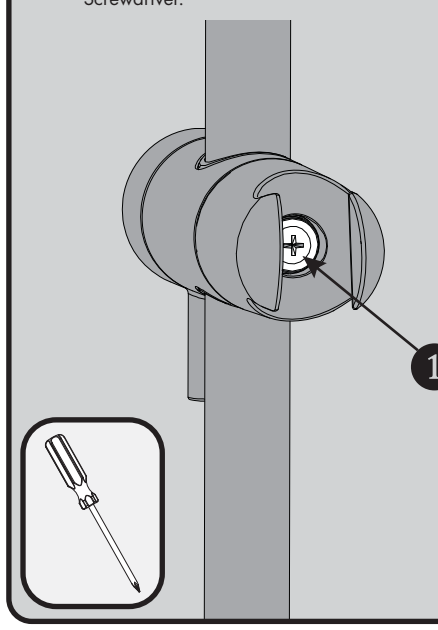
5 Secure Slide Bar Assembly to the wall with the Mounting Screws provided.

6 Re-install End Caps on both ends of Slide Bar assembly.

7 Orient the Hand Held Shower Bracket to your desired position. Adjustments are made by rotating the Handle counter-clockwise to release the position, and clockwise to lock into the desired position.

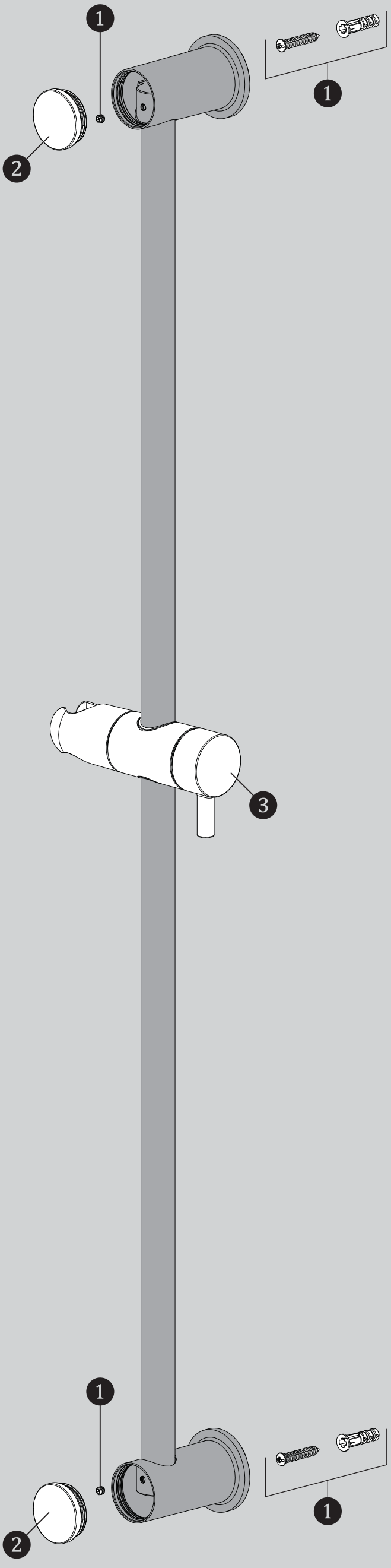


8 Note: If the Hand Shower Holder no longer holds position, Tighten the Screw (1) in the Shower Holder using a Philips Head Screwdriver.



VS-123 / VS-124 REPAIR PARTS

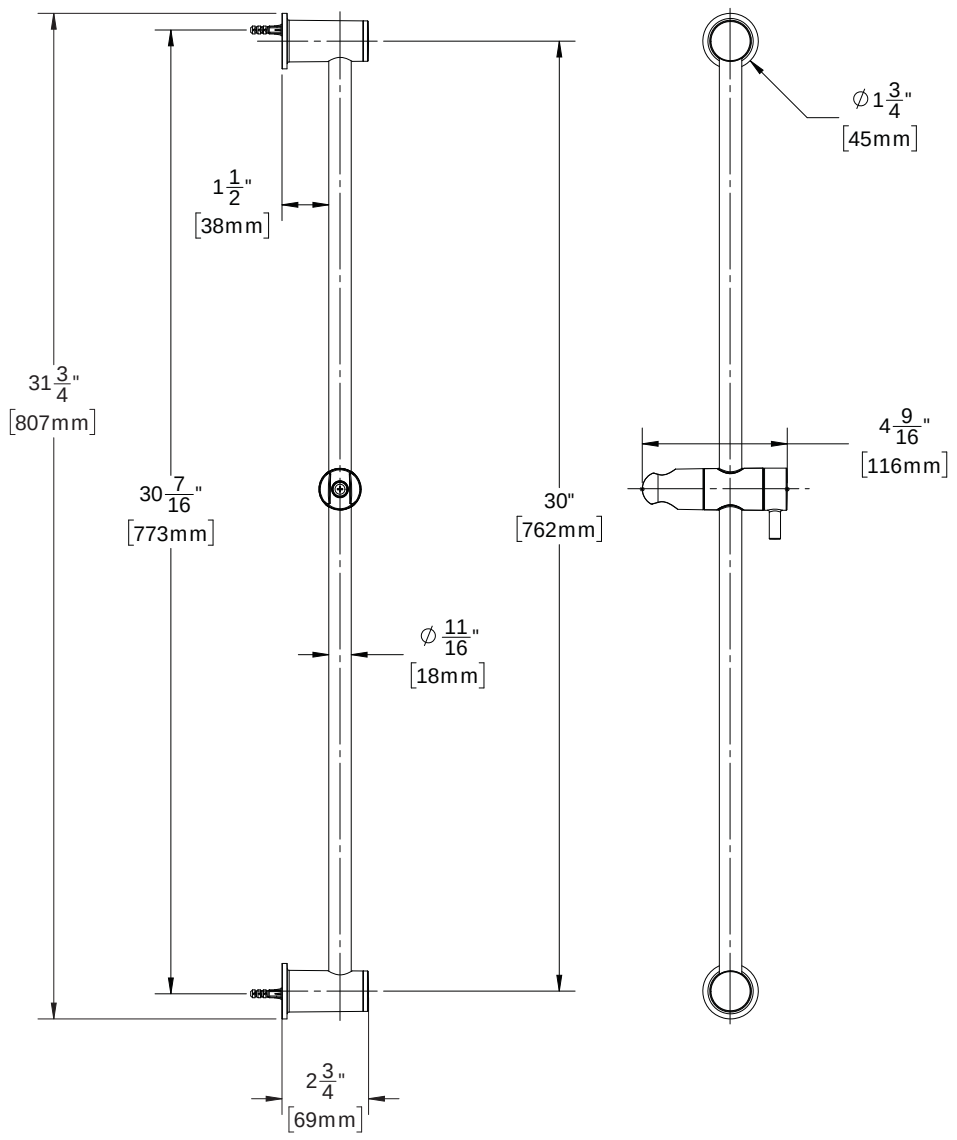
SPEAKMAN®



ITEM NO.	PART NO.	DESCRIPTION
1	RPG05-108526	MOUNTING HARDWARE
2	RPG07-108527	END CAP REPAIR GROUP
3	RPG56-108517	HAND SHOWER HOLDER

VS-123 ROUGH-IN DIAGRAM

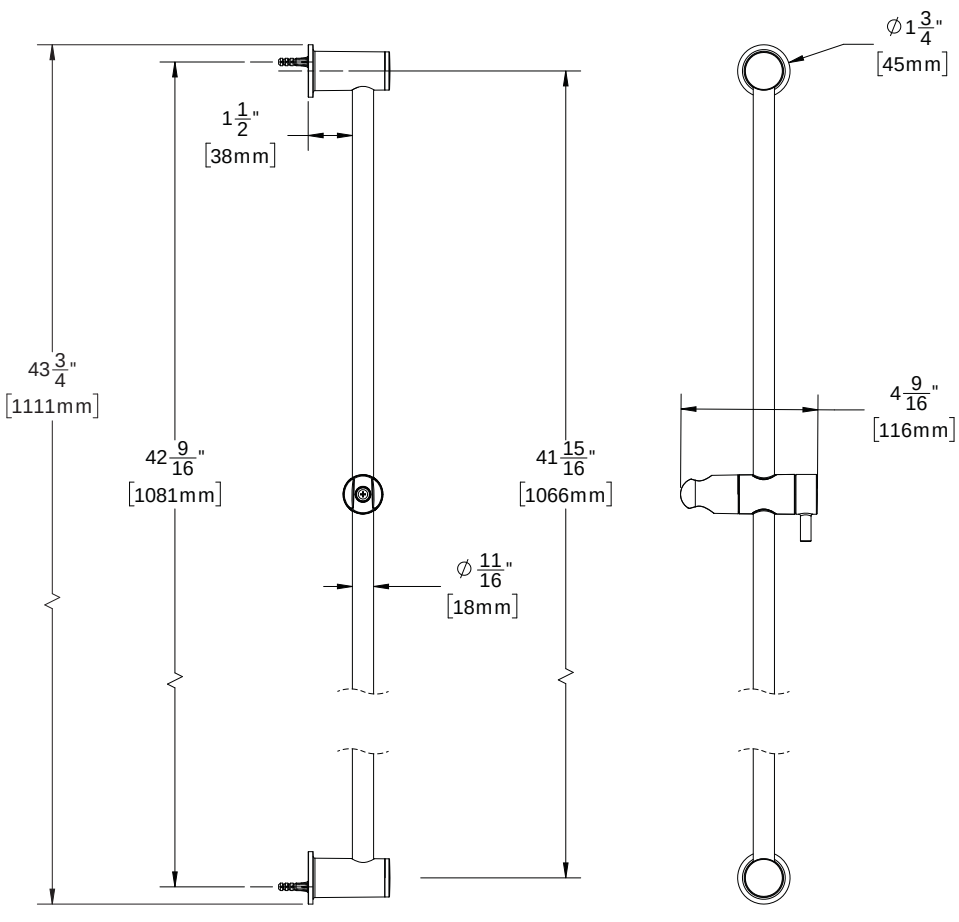
SPEAKMAN®



DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

VS-124 ROUGH-IN DIAGRAM

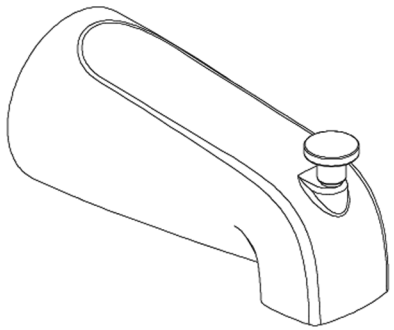
SPEAKMAN®



DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Instructions for Models:

S-1556
S-1556-BN
S-1556-PN



Need Help?

For additional assistance or service call:

SPEAKMAN Company
400 Anchor Mill Road
New Castle, DE 19720

PHONE: 800-537-2107
EMAIL: customerservice@speakmancompany.com
WEB: www.speakmancompany.com

92-3277-R2

What You Need To Know:

Tools:

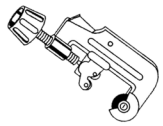
Required:

*Allen Wrench (Included)

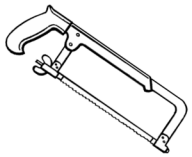


Helpful:

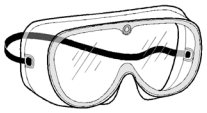
* Tubing Cutter



*Hacksaw



*Protective Eye Wear



Important Notes:

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

Safety Tips:

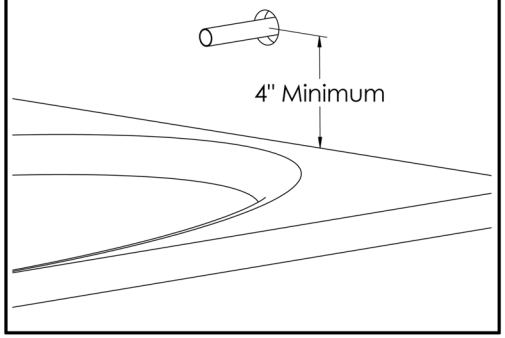
Cover your drain to prevent loss of parts.

Be sure to wear eye protection while cutting pipe.

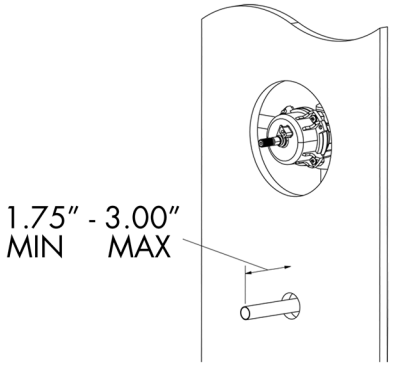
Maintenance:

Your new Tub Spout 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.

1 The minimum distance between the center off the tub spout and the rim of the tub should be no less than 4".



2 The stub out for the 1/2" pipe should extend a minimum of 1.75" from the wall, but not to exceed 3" from wall. Remove all burs and sharp edges from the stub out 1/2" pipe.



3 Slide spout (1) over exposed stub out pipe until flush to wall. Center the spout (1) on the wall and tighten set screw (2) from underneath with Allen wrench.

