



Sereno Trim Series

Sereno Trim Series with TA-10 Flow Control Spindle & T-12A Cap Assembly Installation & Operation Instructions

Model Numbers

TRIM ONLY

S-4300-TRM
Shower Valve Trim

S-4301-TRM
Shower Trim

S-4302-TRM
Tub/Shower Trim

S-4304-TRM
Tub/Hand Shower Trim

S4308TRM
Shower/Hand Shower Trim

TRIM, TA-10, T-12A

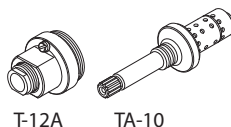
S4300TRM TC
Shower Valve Trim

S4301TRM TC
Shower Trim

S4302TRMTC
Tub/Shower Trim

S4304TRM TC
Tub/Hand Shower Trim

S4308TRM TC
Shower/Hand Shower Trim



T-12A

TA-10

Compliance

- ASME A112.18.1/CSA B125.1



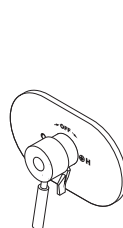
Warranty

Limited Lifetime - to the original end purchaser in consumer/residential installations.

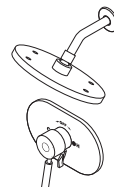
5 Years - for industrial/commercial installations.

Refer to www.symmons.com/warranty for complete warranty information.

Go to www.symmons.com/register to register your Symmons product.



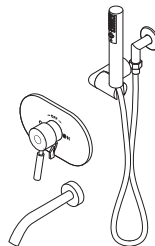
S-4300-TRM
S4300TRMTC



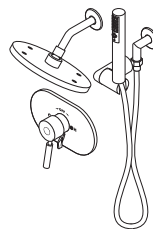
S-4301-TRM
S4301TRMTC



S-4302-TRM
S4302TRMTC



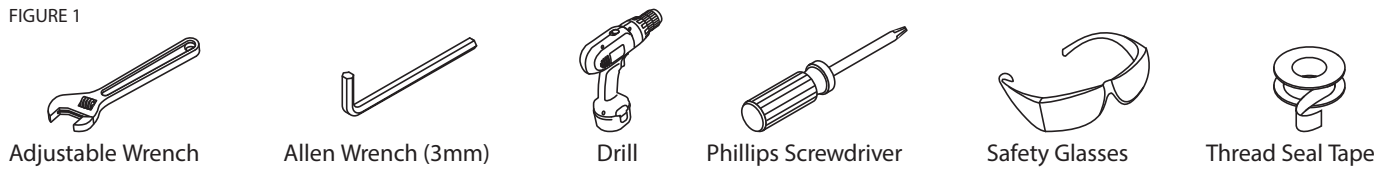
S-4304-TRM
S4304TRMTC



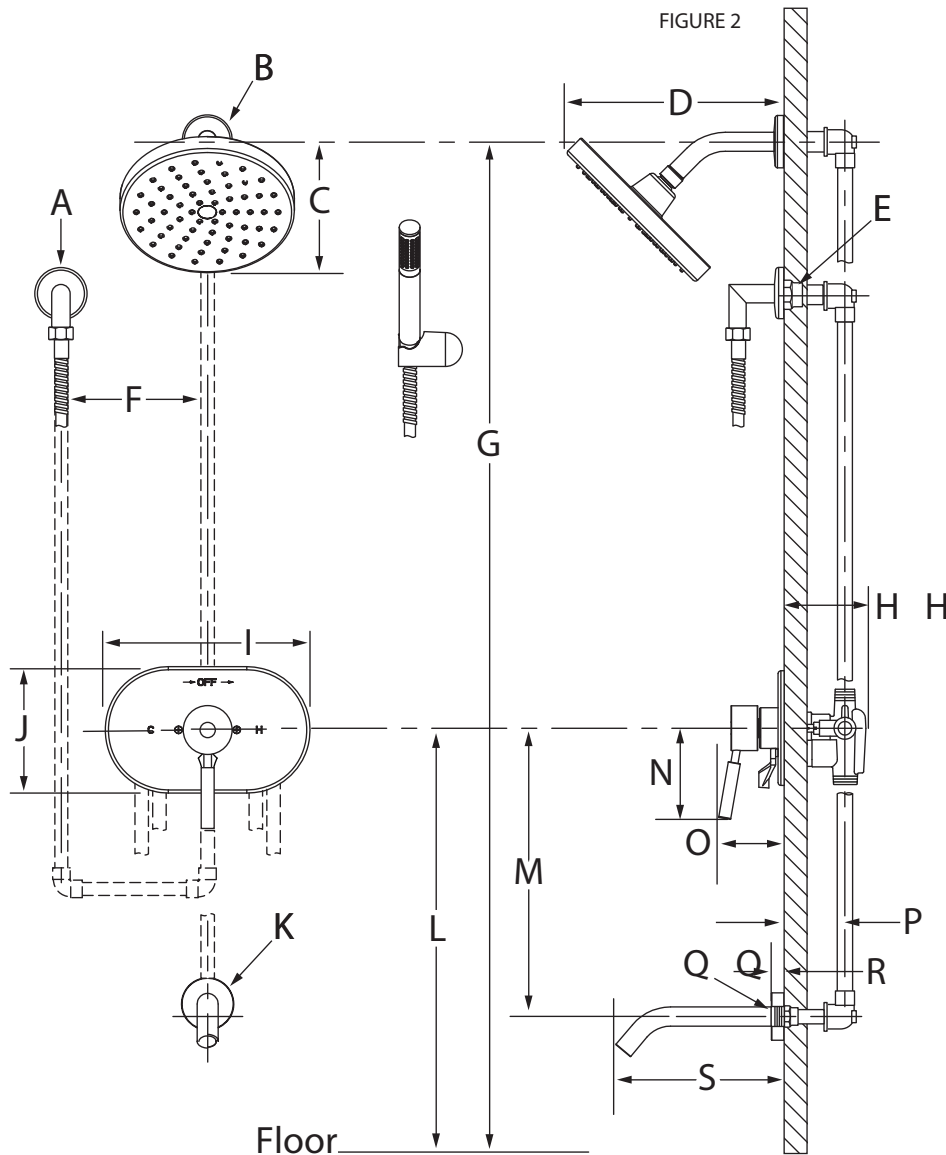
S4308TRM
S4308TRM TC

1. Recommended Tools

FIGURE 1



2. Dimensions

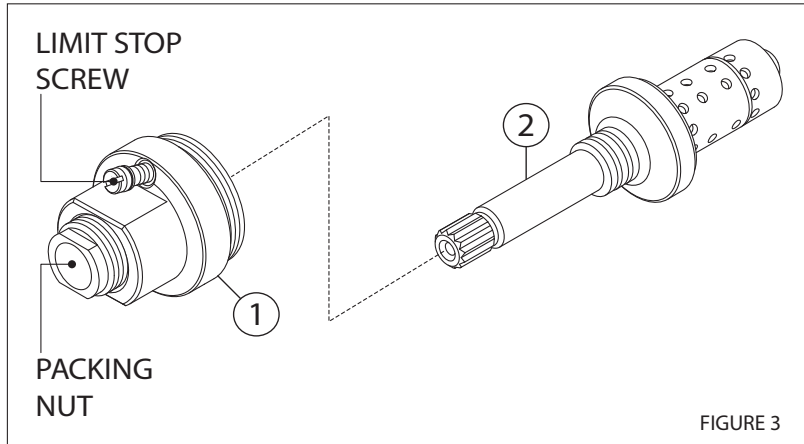


Measurements	
A	Ø 2-1/4", 57 mm
B	Ø 2-1/4", 57 mm
C	6", 152 mm
D	9-1/4", 235 mm
E	Female 1/2" IPS thread must be recessed 7/8" from finished wall
F	6", 152 mm right or left
G	77", 1956 mm
H	3-1/2", 89 mm
I	9-1/4", 235 mm
J	5-3/4", 146 mm
K	Ø 2-3/8", 60 mm
L	Trim with tub spout: Ref. 32", 813 mm Trim without tub spout: Ref. 42", 1067 mm
M	12", 305 mm
N	4-1/2", 114 mm
O	3-1/4", 83 mm
P	(Rough in) 2-3/8" ± 1/2", 60 mm ± 13 mm
Q	1/2" NPT
R	1/2", 13 mm
S	8-1/2", 216 mm

Notes:

- 1) Valve body and piping not included and shown as reference only.
- 2) Plaster shield (p/n T-176) for dry wall, plaster or other type walls 1/2" or greater.
- 3) All dimensions measured from nominal rough-in (see P as reference).
- 4) Dimensions subject to change without notice.

3. Parts Breakdown (Model Numbers Ending in TRMTC)



Replacement Parts		
Item	Description	Part Number
1	Cap Assy.	T-12A
2	Flow Control Spindle	TA-10

IMPORTANT: Model numbers ending in TRMTC coordinate with Temptrol pressure balancing valves ordered with Test Cap. The Test Cap is used to allow pressurization of system. Do not remove test cap from valve during wall construction, installation of valve or pressurization of system.

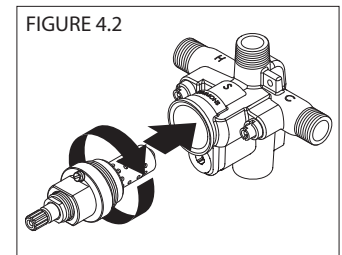
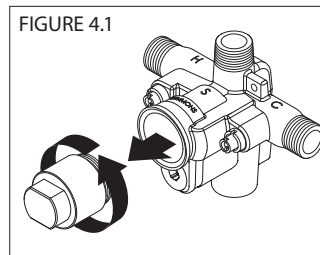
⚠ WARNINGS:

1. Test cap rated for pressure testing up to 200 psi maximum. DO NOT exceed 200 psi while pressure testing valve body.
2. Do not expose valve with test cap to heat for longer than 2 minutes when soldering copper tubing. Doing so may damage the internal components of the valve and will void the product warranty.
3. Ensure test cap is re-torqued to 30 lb-ft after soldering valve body.

4. Installation - Remove Test Cap (Model Numbers Ending in TRMTC)

Flow control spindle (TA-10) and cap assembly (T-12A) will come factory assembled for all model numbers ending in TRMTC. When ready to remove Test Cap and install trim, follow the instructions below:

- 1) Check for leaks around the valve assembly and all pipe fittings.
- 2) Remove test cap from valve (FIGURE 4.1).
- 3) If system is dirty, flush valve.
- 4) Thread flow control spindle and cap assembly into valve body. Turn clockwise to secure to valve (FIGURE 4.2).



5. Installation - Adjust Packing Nut (Model Numbers Ending in TRMTC)

- 1) Turn hot and cold supplies on. Valve will not operate unless both hot and cold water supply pressures are on.
- 2) Place handle over flow control spindle.
- 3) Tighten packing nut for positive frictional resistance as handle is rotated from shut-off position across adjustment range.

6. Installation - Setting Limit Stop Screw (Model Numbers Ending in TRMTC)

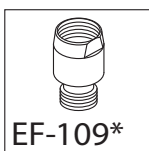
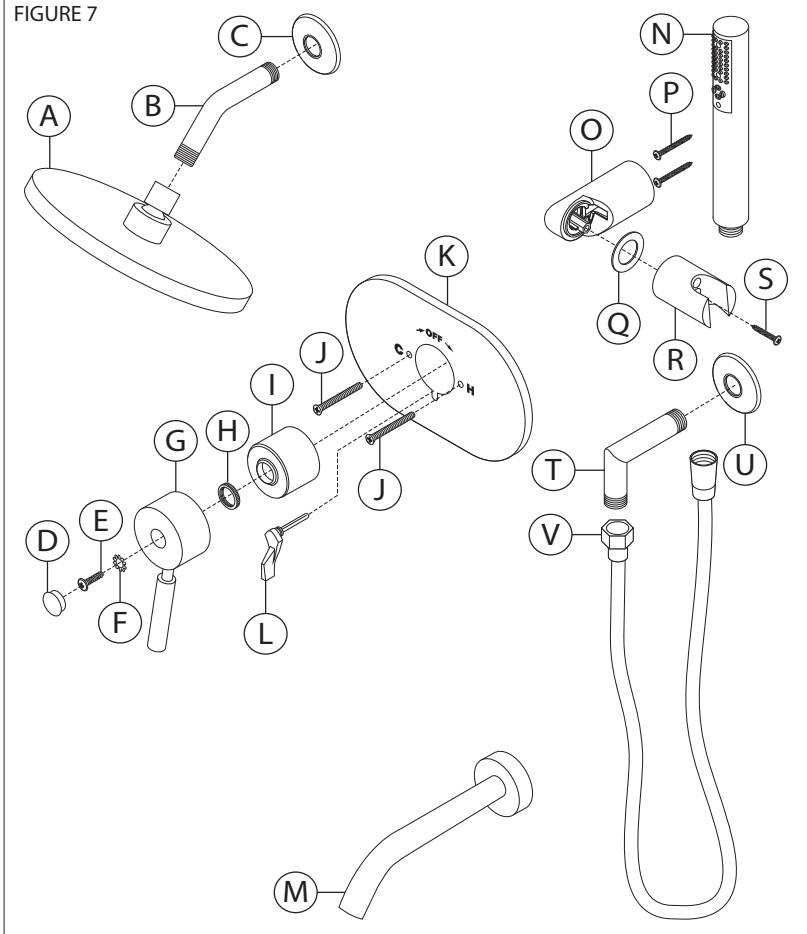
The temperature limit stop screw limits valve handle from being turned to maximum position resulting in excessive hot water discharge temperatures.

⚠ WARNING: Failure to adjust limit stop screw properly may result in serious scalding.

- 1) Turn hot and cold supplies on. Valve will not operate unless both hot and cold water supply pressures are on.
- 2) Place handle on flow control spindle and open valve to maximum desired temperature.
- 3) Turn limit stop screw clockwise until it seats.

7. Parts Breakdown

FIGURE 7



*Order in-line vacuum breaker (EF-109) for hand shower systems without dual checks.

Replacement Parts		
Item	Description	Part Number
A	Showerhead	432SH
B	Shower Arm	300
C	Flange	
D	Plug Button	T-251
E	Screw	
F	Star Washer	
G	Handle	T-19/20-PL
H	Lock Nut	
I	Dome Cover	T-249A
J	Shower Escutcheon	
K	Screws	T-30M
L	Diverter/Volume Control Handle	
M	Tub Spout	432TS
N	Hand Shower	432W
O	Cradle Mount	T-545
P	Cradle Mount Screws	
Q	Washer	
R	Cradle Arm	
S	Set Screw	T-444-KIT
T	Wall Elbow	
U	Flange	RTS-045
V	60" Hose	

Notes:

- 1) Append appropriate suffix for premium finish.
- 2) Append appropriate flow rate to showerhead or hand shower for low flow.
- 3) Apply a bead of silicone around the perimeter of all shower trim installed flush to the finished wall. Leave opening on bottom of escutcheons for weep hole.
- 4) Apply plumber tape to all threaded connections.

8. Installation - Shower Valve Trim

- 1) Place diverter/volume control handle into slot in shower escutcheon (FIGURE 8.1).
- 2) Secure escutcheon to Temptrol pressure balancing valve using mounting screws. Guide handle into control port on valve body (FIGURE 8.2).
- 3) Install dome cover and lock nut to valve by turning clockwise (FIGURE 8.3).
- 4) Install handle to shower valve. Secure with star washer, set screw and plug button (FIGURE 8.4).

FIGURE 8.1

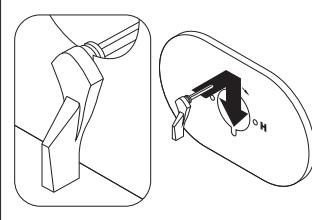


FIGURE 8.2

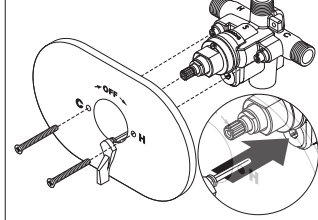


FIGURE 8.3

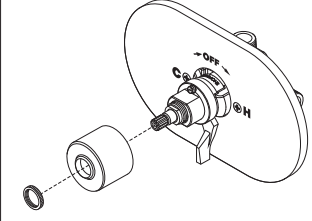
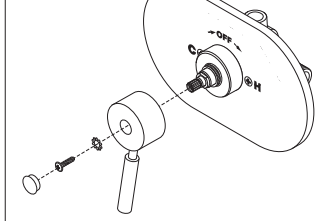


FIGURE 8.4



9. Installation - Showerhead & Tub Spout

- 1) Attach shower arm to stub out pipe. Turn clockwise to tighten (FIGURE 9.1).
- 2) Install showerhead to shower arm. Turn clockwise to tighten (FIGURE 9.2).
- 3) Install tub spout to stub out pipe. Turn clockwise to tighten (FIGURE 9.3).

FIGURE 9.1

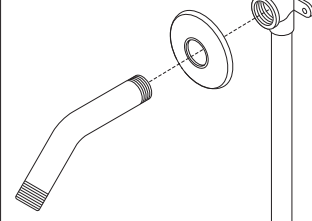


FIGURE 9.2

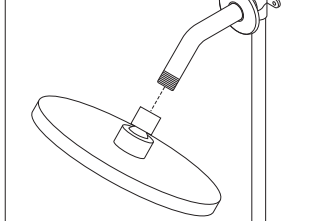
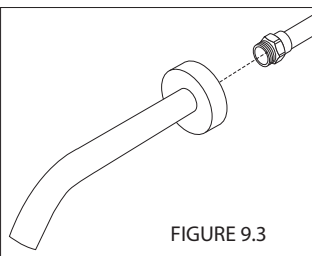
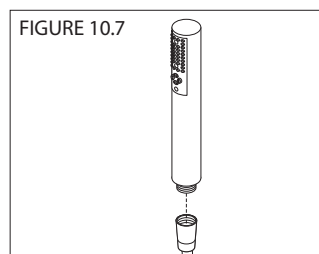
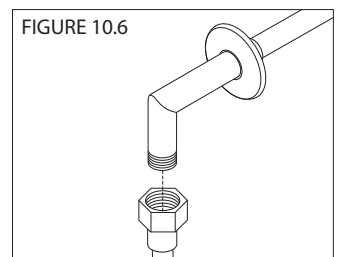
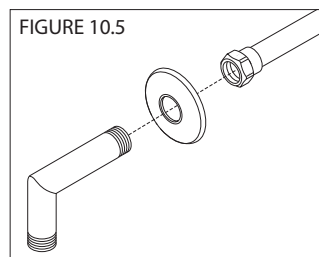
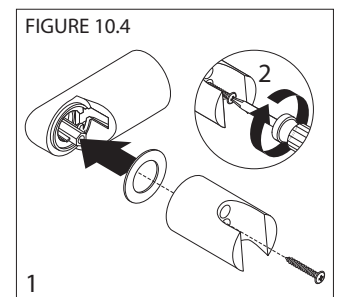
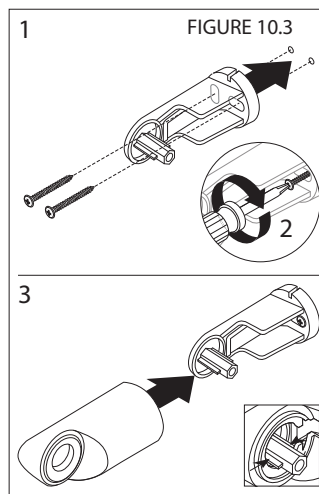
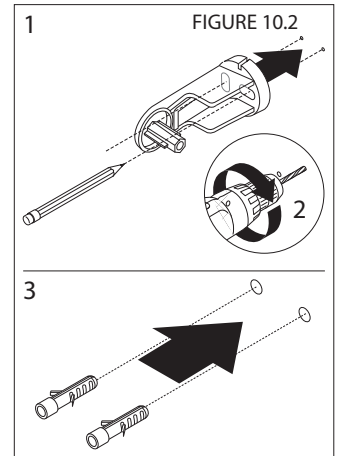
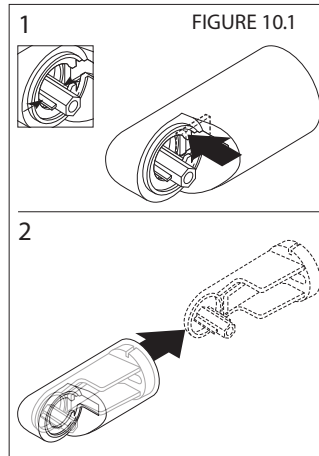


FIGURE 9.3



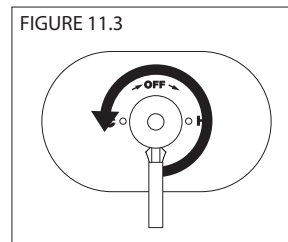
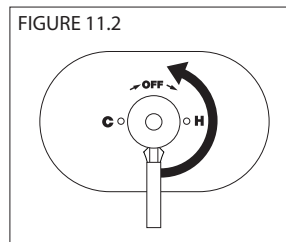
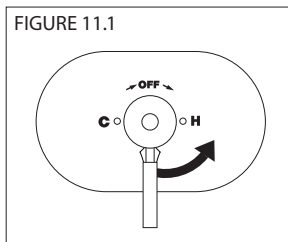
10. Installation - Slide Bar Assembly

- 1) Press tab to remove mounting plate from cradle mount cover (FIGURE 10.1).
Note: Mounting plate center tabs must be horizontal for removal.
- 2) Place mounting plate in position, mark and drill $\frac{3}{16}$ " holes into drywall. Install anchors (FIGURE 10.2).
Stud Option: Place mounting plate in position, mark and drill $\frac{1}{8}$ " pilot holes into stud.
- 3) Install mounting plate. Secure with two screws. Replace cradle mount cover (FIGURE 10.3).
Note: Mounting plate center tabs must be horizontal for installation.
- 4) Attach cradle arm and washer to cradle mount. Secure with set screw (FIGURE 10.4).
- 5) Install wall elbow and flange to recessed pipe fitting. Turn elbow clockwise to tighten (FIGURE 10.5).
- 6) Attach small end of hand shower hose to wall elbow. Turn clockwise to tighten (FIGURE 10.6).
- 7) Attach large end of hand shower hose to hand shower wand. Turn clockwise to tighten (FIGURE 10.7).



11. Operation (Temperature Control)

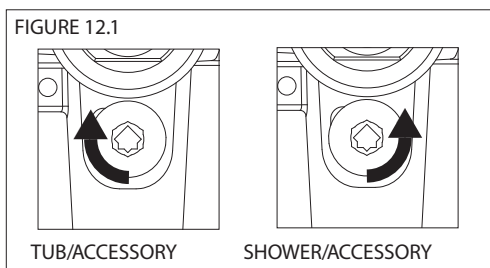
- 1) Turn shower handle counter-clockwise approximately 1/4 turn to put valve in cold position (FIGURE 11.1).
- 2) Turn shower handle counter-clockwise approximately 1/2 turn to put valve in warm position (FIGURE 11.2).
- 3) Turn shower handle counter-clockwise approximately 3/4 turn to put valve in hot position (FIGURE 11.3).



12. Operation (VersaFlex™ Diverter Control)

Turn diverter control handle clockwise to divert to tub spout or other Symmons accessory .

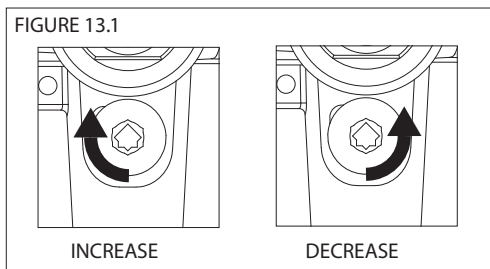
Turn diverter control handle counterclockwise to divert to shower or other Symmons accessory .



13. Operation (Volume Control)


Turn volume control handle clockwise to increase volume.

Turn volume control handle counterclockwise to decrease volume.



14. Troubleshooting Chart

Problem	Cause	Solution
Finish is spotting.	Elements in water supply may cause water staining on finish.	Clean finished trim area with a soft cloth using mild soap and water or a non-abrasive cleaner and then quickly rinse with water.

 **WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer, birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.