SYMMONS® Temptrol®

Tub-Shower Trim
Commmercial Temptrol Trim
Commmercial Temptrol Trim Series with TA-10 & T-12A
Installation Guide

Compliance

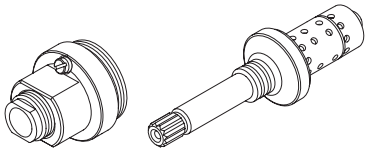
- ASME A112.18.1/CSA B125.1.

Warranty

Limited Lifetime - for residential installations.
10 Years - for commercial/industrial installations.
Refer to www.symmons.com/warranty for complete warranty information.

Feature Highlights

- Symmons commercial series tub-shower trim.
- Symmons Temptrol pressure balancing mixing valve with adjustable stop screw to limit handle turn.
- Showerhead #4-137 single mode, cast brass with adjustable flood / mist spray.
- Showerhead mounting arm and flange.
- Flow rate 2.0 gpm (7.6 L/min).
- Optional lower flow rate restrictor available.
- Diverter tub spout, #054.
- Polished Chrome finish (standard).
- Available with TA-10 flow control spindle and T-12A cap assembly for Temptrol valve bodies installed with Test Cap (p/n ending in TRMTC).



T-12A TA-10

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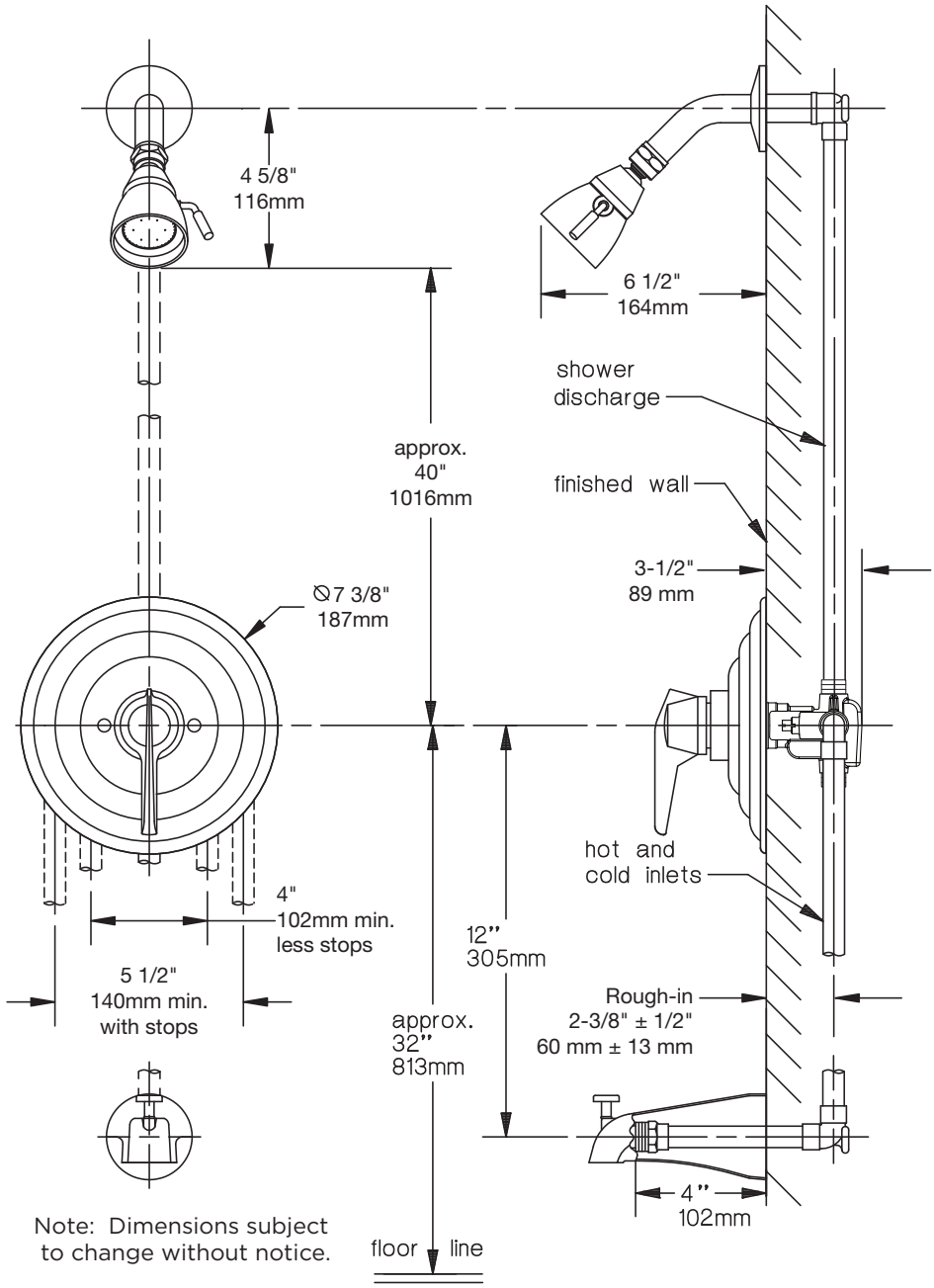
Dimensions



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.
4) Dimensions subject to change without notice.

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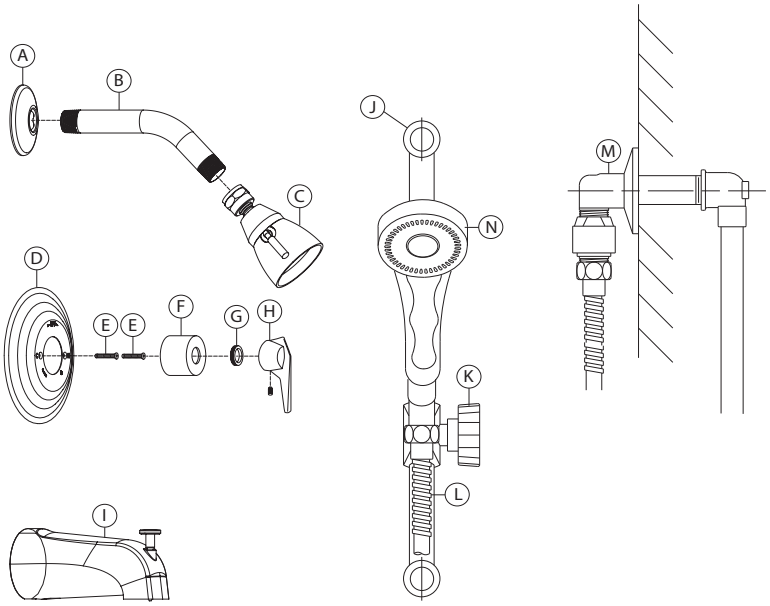
Parts Breakdown



Replacement Parts		
Item	**Description**	**Part Number**
A	Showerhead	4-137
B C	Shower Arm Flange	300S
D E	Shower Escutcheon Mounting Screws	T-169
F G	Dome Cover Locker Nut	T-19/20-PL
H	Handle Assy	RC-14X
I	Diverter Tub Spout	054
J	Bar, Mounting ends, and Slide mechanism	B-30
K	Slide Mechanism	FP-SM3
L	Hose	RTS-045
M	Elbow	FP-40
N	Wand	FP-1

Required for Installation	
Adjustable wrench	
Allen wrench: 2.5mm	
Plumber tape	
Plumber putty	

Notes:

1. Append appropriate flow rate to showerhead or hand shower for low flow.
2. 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.
3. Apply plumber tape to all threaded connections.

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3. Parts Breakdown (Model Numbers Ending in TRMTC)

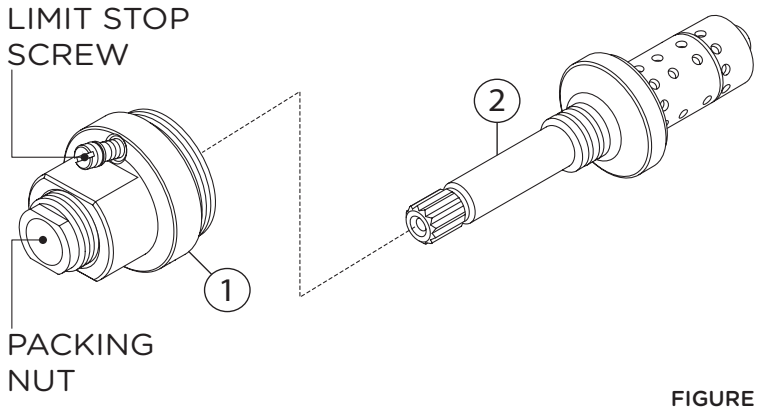

FIGURE 3

	Replacement Parts	
	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).

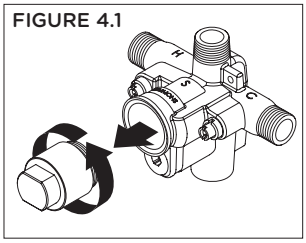

FIGURE 4.1

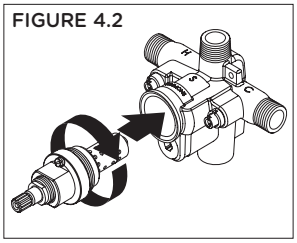

FIGURE 4.2

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.

⚠ **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.

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