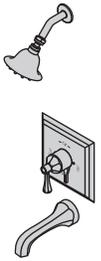


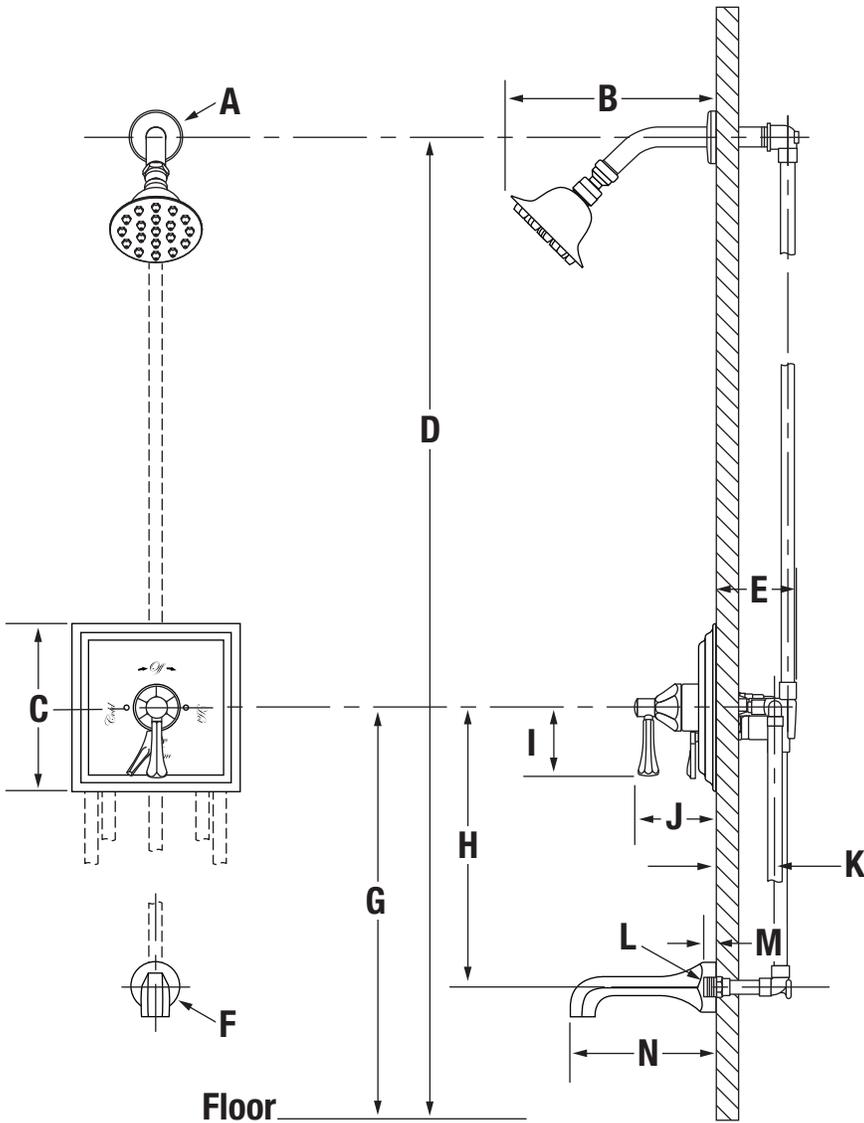
S-4500-TRM, S-4501-TRM, S-4502-TRM
Canterbury™ Trim Series

Operation & Maintenance Manual



| Model Numbers | Specifications |
|--|--|
| <input type="checkbox"/> S-4500-TRM <i>Valve Trim</i> <input type="checkbox"/> S-4501-TRM <i>Shower Trim</i> <input type="checkbox"/> S-4502-TRM <i>Tub/Shower Trim</i> | <p>Tub/shower trim with lever handle and secondary integral diverter includes non-diverter tub spout (069) and 3 mode showerhead (4-163) with standard 2.5 gpm (9.5 L/min) flow restrictor. Shower trim with lever handle and secondary integral volume control includes all of the above less non-diverter tub spout. Valve trim with lever handle and secondary integral volume control includes shower escutcheon only. Components made from metal and plastic materials plated in standard polished chrome finish.</p> |
| Modifications | Compliance |
| <input type="checkbox"/> -1.5  <i>1.5 gpm (5.7 L/min) flow restrictor</i> <input type="checkbox"/> -2.0  <i>2.0 gpm (7.6 L/min) flow restrictor</i> <input type="checkbox"/> -STN <i>Satin nickel finish</i> | <p>-ASME A112.18.1; CSA B125.1</p>  |
| <p>Note: Append appropriate -suffix to model number.</p> | Warranty |
| | <p>Limited Lifetime - to the original end purchaser in consumer installations. 5 Years - for commercial installations.</p> <p>Refer to www.symmons.com/warranty for complete warranty information.</p> |

Dimensions

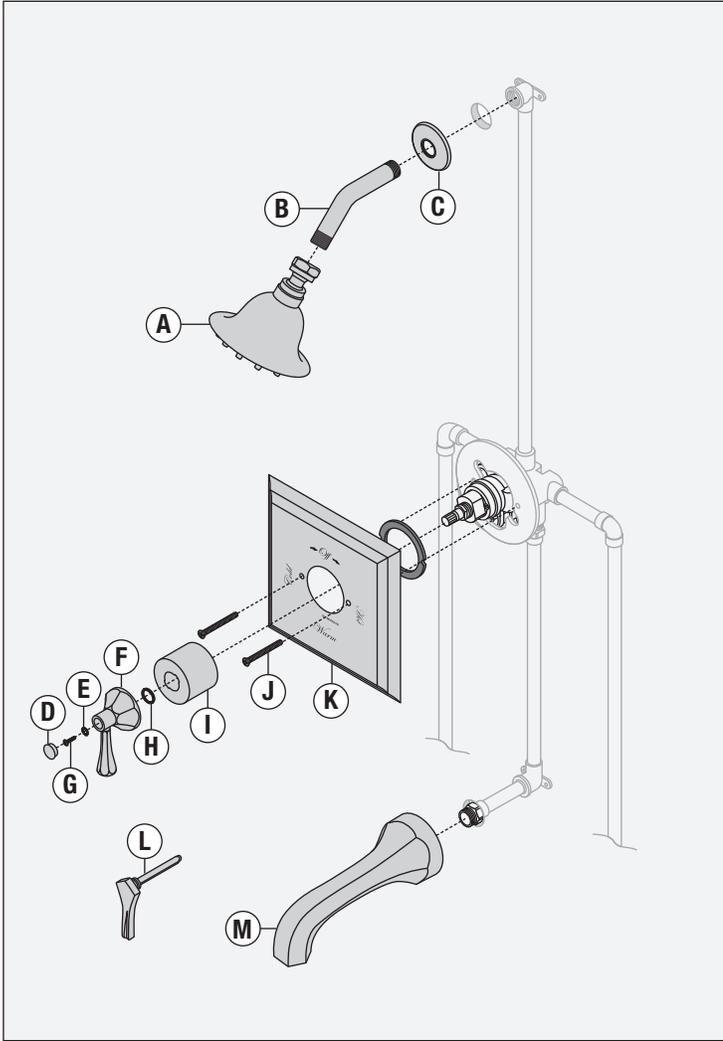


| Measurements | |
|--------------|--|
| A | Ø 2 1/4", 57 mm |
| B | 8 1/2", 216 mm |
| C | 7 1/2", 191 mm |
| D | 77", 1956 mm |
| E | 3 1/2", 89 mm |
| F | Ø 2 5/8", 67 mm |
| G | 32", 813 mm (S-4502-TRM) 45", 1143 mm (S-4501-TRM, S-4500-TRM) |
| H | 12", 305 mm |
| I | 2 13/16", 71 mm |
| J | 3 1/16", 78 mm |
| K | (Rough-in) 2" ± 1/2", 60 mm ± 13 mm |
| L | 1/2-14 NPSM |
| M | 3/8", 10 mm |
| N | 7 1/4", 184 mm |

Notes:

- 1) All dimensions measured from nominal rough-in (see K as reference).
- 2) Dimensions are subject to change without notice.

Parts Breakdown



Replacement Parts

| Item | Description | Part Number |
|------|-------------------|-------------|
| A | Showerhead | 4-163 |
| B | Shower Arm | |
| C | Flange | 300 |
| D | Plug Button | |
| E | Star Washer | |
| F | Handle | T-226 |
| G | Set Screw | |
| H | Lock Nut | |
| I | Dome Cover | T-19/20-PL |
| J | Mounting Hardware | |
| K | Shower Escutcheon | T-225B |
| L | Diverter Handle | T-30C |
| M | Tub Spout | 069 |

Notes:

- 1) Append -STN to part number for Satin nickel finish.
- 2) Append -1.5 or -2.0 to showerhead for low flow.

Required for Installation

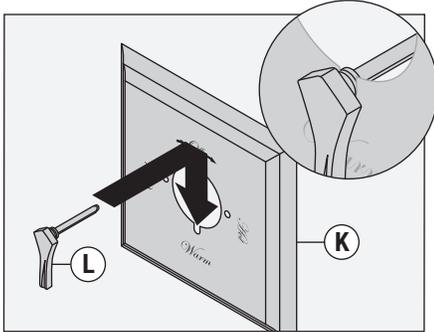
| | |
|---------------------------|---|
| Adjustable wrench |  |
| Phillips head screwdriver |  |
| Teflon Tape |  |

Installation

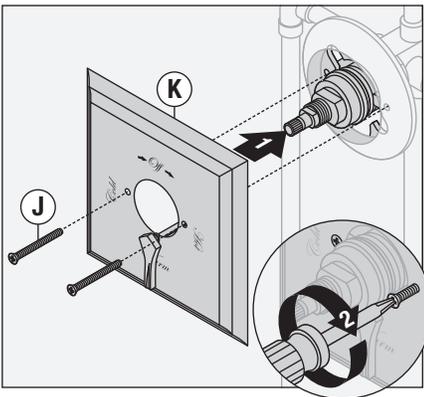
Note:

For valve body installation, please see valve body installation guide.

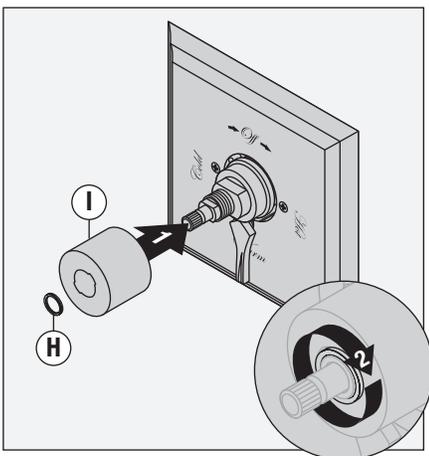
- 1) Install secondary integral diverter (L) into shower escutcheon (K).



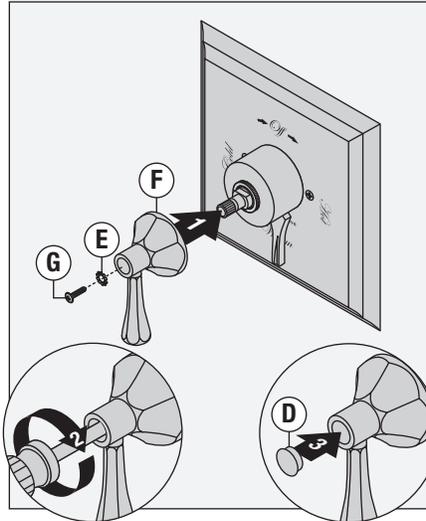
- 2) Install shower escutcheon (K) to shower valve. Secure with two screws (J).



- 3) Install dome cover (I) to valve and secure with lock nut (H).

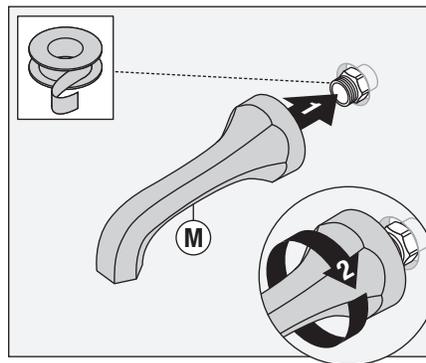


- 4) Install handle (F) to valve and secure with screw (G) and star washer (E). Attach plug button (D) to handle.

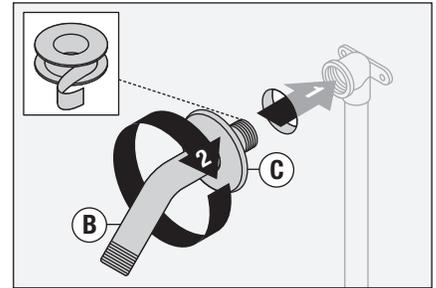


Note: Handles should be facing the 6 o'clock position.

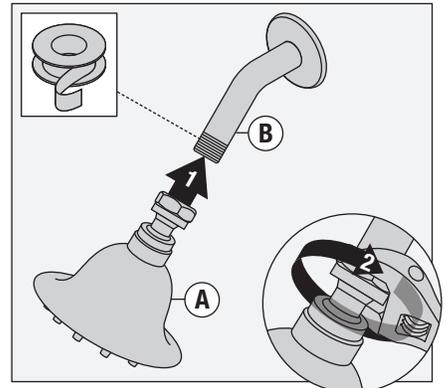
- 5) Install tub spout (M) to pipe fitting. Turn clockwise to secure.



- 6) Attach shower arm (B) and flange (C) to vertical shower pipe turning clockwise to tighten.



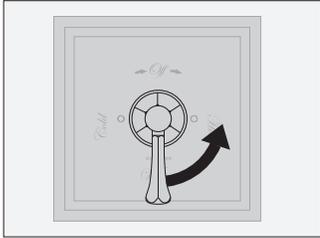
- 7) Install showerhead (A) to shower arm (B) turning clockwise to tighten.



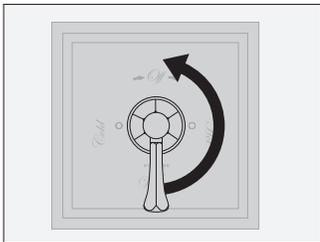
Operation

Temperature Control

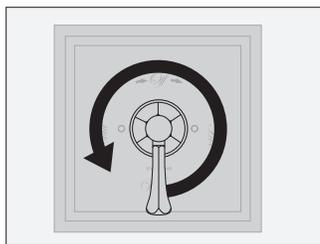
- 1) Turn shower handle counterclockwise approximately 1/4 turn to put valve in cold position.



- 2) Turn shower handle counterclockwise approximately 1/2 turn to put valve in warm position.

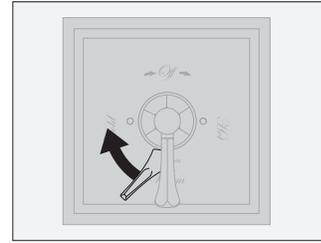


- 3) Turn shower handle counterclockwise approximately 3/4 turn to put valve in hot position.

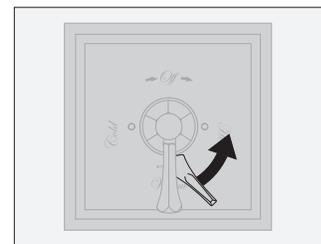


Diverter Control

- 1) Turn diverter left for tub spout operation.



- 2) Turn diverter right for showerhead operation.



Care and Cleaning

- 1) Clean finished trim area with a soft cloth using mild soap and water or a non-abrasive cleaner and then quickly rinse with water.

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. |