SS-7600 3P surfashower®

THERMOSTATIC MODEL

¾” top inlets

INSTALLATION INSTRUCTIONS

1. Remove item (2), 2- #1/4-20 X 3/4” long allen screws from showerhead and base (1), and remove
2. Remove snap cap (3), screw (4) and washer (5). Remove pointer (6), and stop (7)
3. Loosen surfashower flange nut (8) and flange (9)
4. Remove (10) screws, from top and bottom covers, and remove
5. Remove stainless steel cover
6. Mount valve and piping assembly directly to wall at desired height, using the mounting brackets, top and bottom (11).
7. The inlets are clearly marked on outlet of assembly. Connect hot water to hot inlet, and the cold water to the cold inlet. Flush pipes thoroughly to remove dirt and excess materials, if not valve may not perform properly.
8. Replace cover, and reassemble in reverse order. See page 3 on how to set HIGH TEMPERATURE LIMIT STOP.
   a) Note: when re-installing be sure not to cut o’ring (10) (TM-25-6B), when installing into showerhead bracket.

REMEMBER!!! THIS IS A CONTROL DEVICE WHICH MUST BE CLEANED AND MAINTAINED ON A REGULAR BASIS, (SEE MAINTENANCE GUIDE AND RECORD MGR-1000)

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**OPERATION**

The 7600 is a thermostatic water-mixing valve, which will compensate for changes in the temperature or pressure of hot and cold supplies and maintain bathing temperatures. Turn the handle counter-clockwise from the "OFF" position through the (COLD) area on the dial plate, the shower is on and temperature is cold. As the handle is turned toward the RED DOT (HOT) area, shower temperature becomes progressively WARMER until the high temperature limit is reached in the full "HOT" position. To turn OFF move handle back in clockwise direction to the "OFF" position. This thermostatic device must be cycled prior to use. While running water, simply adjust the outgoing temperature from full hot to full cold a minimum of ten (10) times. This ensures that the wax element has been fully flexed. Once flexed, the unit no longer requires any further cycling.

**WARNING**

WARNING! THIS MIXING VALVE IS EQUIPPED WITH AN ADJUSTABLE HIGH TEMPERATURE LIMIT STOP FACTORY SET AT APPROXIMATELY 110°F (43°) WITH AN INCOMING WATER SUPPLY TEMPERATURE OF 135°F (57°C). IF INCOMING HOT WATER ON THE JOB IS HIGHER THAN 135°F, THE VALVE WHEN TURNED TO FULL HOT MAY DELIVER WATER IN EXCESS OF 110°F, AND THE HIGH TEMPERATURE LIMIT STOP MUST BE RESET BY THE INSTALLER. (SEE PAGE 3)

HOT WATER IN EXCESS OF 110°F IS DANGEROUS AND MAY CAUSE SCALDING!!

**SERVICING INSTRUCTIONS**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>SYMPTOM</th>
<th>KIT REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>PACKINGS &amp; GASKETS</td>
<td>1. Leak at handle or cover.</td>
<td>Kit1/7600</td>
</tr>
<tr>
<td></td>
<td>2. Valve is difficult to pull apart.</td>
<td>Cover o’ring</td>
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<tr>
<td></td>
<td></td>
<td>(2) Lower o’rings</td>
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<td></td>
<td></td>
<td>Shuttle o’ring</td>
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<tr>
<td></td>
<td></td>
<td>Shut off gasket</td>
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<tr>
<td>COVER ASSEMBLY</td>
<td>4. After packings and gaskets have been replaced, valve will not shut off completely.</td>
<td>Kit R/7954 or Complete Rebuild Kit R/SS7600</td>
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<tr>
<td></td>
<td>5. Valve does not respond when handle is turned.</td>
<td>Complete cover assembly</td>
</tr>
<tr>
<td>SHUTTLE ASSEMBLY</td>
<td>6. After replacing packings and gaskets, valve will not hold temperature or delivers full hot or full cold.</td>
<td>Kit R/7931 or Complete Rebuild Kit R/SS7600</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shuttle, wax element and spring</td>
</tr>
<tr>
<td>CHECKSTOPS, STOPS</td>
<td>7. Supplies cannot be shut off completely.</td>
<td>Kit 4/7600</td>
</tr>
<tr>
<td></td>
<td>8. Leak at checkstops (or stop) bonnet or stem.</td>
<td>(2 each) MU-6A, 7972, MU-5A, LVC-8A</td>
</tr>
<tr>
<td></td>
<td>9. Hot water is crossing into cold or vise versa.</td>
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</tbody>
</table>
SERVICING INSTRUCTIONS

TO RESET HIGH TEMPERATURE LIMIT STOP (DWG. 3):

1. Remove snap cap (1018), screw (39) and washer (244). Remove pointer (7918). Remove flange nut (23139) and flange (79530). (DWG. 4)

2. Turn off hot and cold supplies to the valve (using the integral checkstops).

3. Remove the cover assembly and remove shuttle assembly. (DWG. 4).

4. To clean, submerge the assemblies in clear water warm water to remove deposit or stain. Use a mild solution of household vinegar or non-corrosive cleaning solution to remove stubborn deposits, Replace the assembly, and reset high temperature limit stop (DWG. 3).

5. When cleaning the assemblies, **DO NOT USE ABRASIVES. LUBRICATE THE SHUTTLE O'RING**.

6. Return complete assembly to valve base, use medium strength Locite 242 on cover threads and tighten cover, NOTE TEMPERATURE LIMIT STOP MUST BE RESET AFTER REASSEMBLY!

7. After installing in reverse order note if required use locite #242 to pointer screw (39)

LIMITED WARRANTY

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