Set mixing valve to 120°F for residential applications to prevent scaling.

Set the Aquastat to 15°F below the set output temperature of the water heater.

Thermostat is set to 117°F.

For more information on installing solar heating systems, refer to the manufacturer for any recommendations regarding piping schemes and desired performance.

Note: This diagram is for reference only. Installation must comply with State and Local Code, all gas and water pipe must be sized correctly to specific length, according to accepted engineering methods or the UPC Code for Noritz Water Heaters to operate correctly.

**MODEL**

**APPLICATION**

Commercial Tankless/Solar Dual Heating System

**EQUIPMENT LIST**

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noritz SV Model Tankless Water Heater</td>
<td>NC____-SV(+CSMD)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Remote Controller</td>
<td>RC-7649M</td>
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<tr>
<td>Remote Controller Card</td>
<td>RC-4DR20</td>
<td>1</td>
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<tr>
<td>Isolator Kit</td>
<td>JK-WV__</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Vent Cap (Outdoor Use Only)</td>
<td>VC____</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Solar Heating System</td>
<td>Field Supplied</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

- Shut-off Ball Valve
- Check Valve
- Union
- Pressure Relief Valve (Watts 174A, Zurn P3000BR, Cash Acme F-82)
- Aquastat (Honeywell Model #L6006A or L6006C)
- Pump
- Mixing Valve
- Thermal Expansion Tank

**DRAWING NUMBER**

**DRAWING DATE**

October 17, 2010