Sussman SHE Series Steam Heat Exchangers provide efficient product-side steam from plant steam.

For use with reverse osmosis (RO), deionized (DI), distilled and other product side water where the process fluid cannot be mixed or contacted by plant steam or hot water.

**Industries requiring this equipment include:**
- Pharmaceuticals
- Food and Beverage
- Cosmetics
- Biotechs
- Electronics

These heat exchangers meet rigid production and inspection standards.

Each unit is built to your requirements and is complete with Liquid Level Control, Pressure (or Temperature) Controls, Drain Valve, Gauges, Safety Valve and Steel Support Frame.

**Materials of Construction**
- **Product Side Steam** □ 304 Standard □ 316L (optional)
- **House Side Steam** □ 304 Standard/Passivated □ (optional)
- **Finish** □ Unpolished, Passivated □ × Ra □ (Grit) (optional)

For efficient operation, incoming temperature should be approximately 30°F (17°C) higher than desired output temperature. As a general rule, the house steam PPH requirement must exceed by a minimum 25% the Product Side Steam PPH requirements.
**Standard SHE Factory Features**

- ASME Boiler and Pressure Vessel Code U, UM Section VIII
- Float-Type Liquid Level Control, externally plumbed
- Straight Double Tube Sheet Exchanger
- Operating Pressure Control
- High Limit Pressure Control
- All Surfaces Series 300 Stainless Steel, Standard
- Vertical Space-Saving Design
- Plant Side Steam Trap
- Blowdown/Drain Valve
- Feed Water Inlet Solenoid Valve
- Liquid Level Gauge Glass Assembly
- Safety Valve ASME Code
- Finish: Unpolished and Passivated
- Steel Support Frame

**Available Factory Options**

- Motor/Pump Feed for Make-Up Water
- Steam Outlet Valve

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**Typical Arrangement**

- **Part List**

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<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Stainless Steel Safety Valve</td>
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<tr>
<td>2</td>
<td>Brass Steam Solenoid Valve</td>
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<td>3</td>
<td>Stainless Steel Heat Exchanger</td>
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<td>Liquid Level Control</td>
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<td>Gauge Glass</td>
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<td>Electrical Enclosure</td>
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<td>Strainer</td>
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<td>Stainless Steel Water Feed Solenoid Valve</td>
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<td>Stainless Ball Valve (Drain)</td>
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<td>15</td>
<td>Stainless Steel Check Valve</td>
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