

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

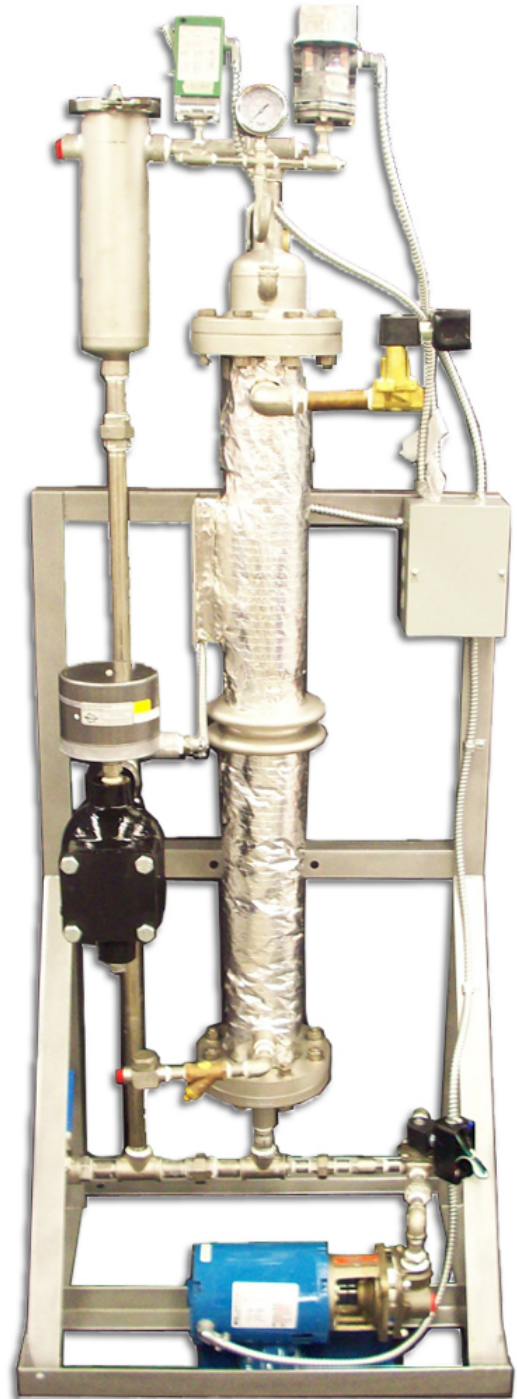
These heat exchangers meet rigid production and inspection standards.

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.



PUR 100268 11/12

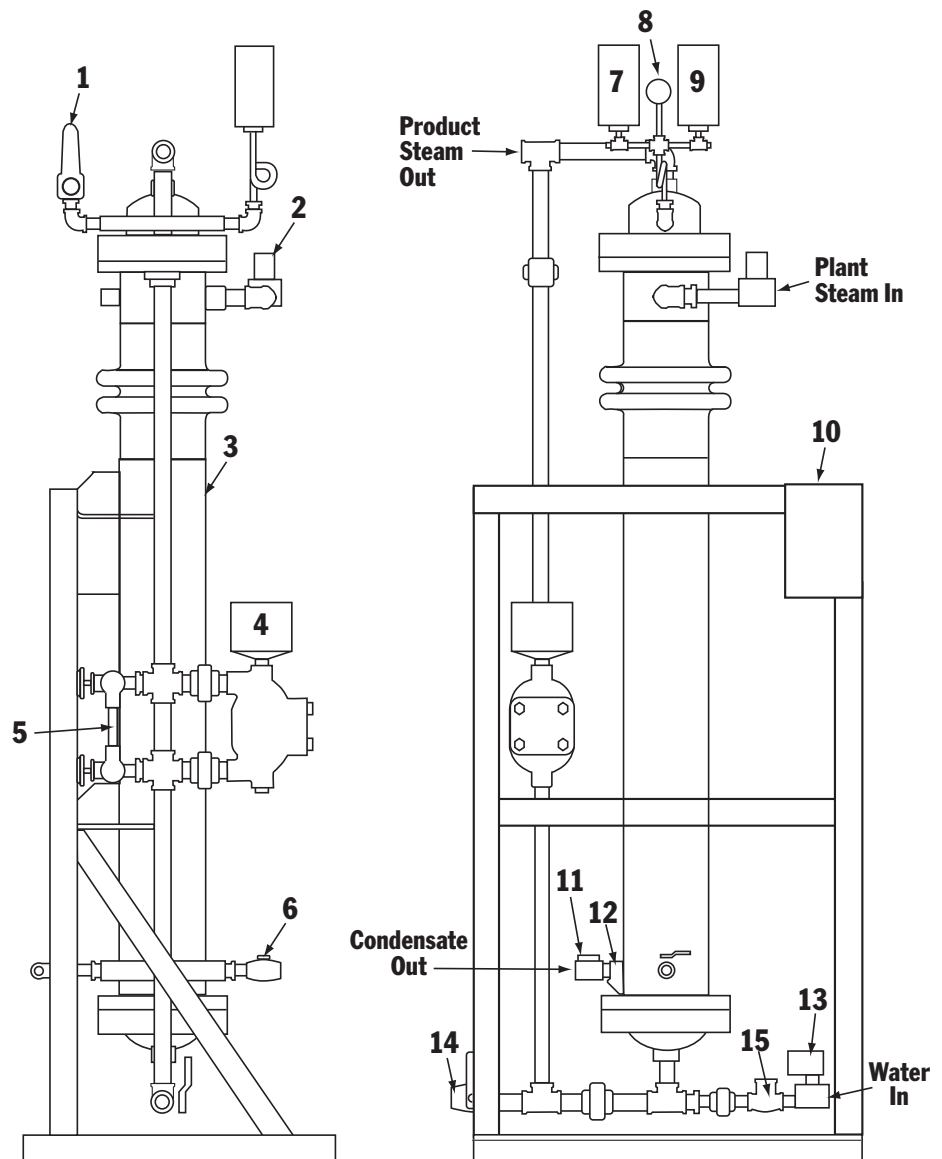
Standard SHE Factory Features

- 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

Typical Arrangement



PARTS LIST

Item	Description	Item	Description
1	Stainless Steel Safety Valve	9	High Limit Pressure Control
2	Brass Steam Solenoid Valve	10	Electrical Enclosure
3	Stainless Steel Heat Exchanger	11	Steam Trap
4	Liquid Level Control	12	Strainer
5	Gauge Glass	13	Stainless Steel Water Feed Solenoid Valve
6	Drain Valve	14	Stainless Ball Valve (Drain)
7	Operating Pressure Control	15	Stainless Steel Check Valve
8	Stainless Pressure Gauge		