

The industry leader  
in electric steam and  
hot water boilers



**SUSSMAN**  
ELECTRIC BOILERS  
A Brand of Diversified Heat Transfer, Inc.

[sussmanboilers.com](http://sussmanboilers.com)

1-800-221-1522

## Sussman Electric Steam Boilers

With more than 100+ years of engineering experience, Sussman has been providing electric steam boilers for industrial, commercial, and specialized applications. We are solely dedicated to the design, engineering, and manufacturing of safe, electric steam and hot water boilers for your specific use.

All Sussman boilers meet or exceed UL, CSA, and NEC standards and are built to ASME Boiler Codes for Carbon and Stainless-Steel Construction.

### Markets served. Solutions offered.

Sussman supplies electric steam boilers for sterilization to the healthcare and laboratory services markets, where stringent requirements are essential.

We are leaders in evolving markets such as, microbrewing, distilling and CBD. Sussman also has expertise in HVAC, humidification, cosmetic, and food processing markets.

### Supporting the reduction of carbon emissions.

At Sussman we believe in the shift of energy demand to electricity and away from combustion of fossil fuels. We're a proponent of shifting to zero-carbon technologies (decarbonization) for a greener environment.



LABORATORY



HEALTHCARE



MICROBREWING



CBD



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## Compact Boilers for pressures up to 150 PSIG and heavier duty applications up to 1600kW



**MICROBREWING**



**STERILIZATION**



**REACTORS**



**CBD OILS**

Steam for tanks, distillations, paraffins, autoclaves, reactors, dyestuffs, glues, steam-jacketed kettles, sterilizers, pipe tracing and humidification

## ES and SVS Carbon Steel Electric Steam Boilers

- Easy, quick to install, only requires a water feed connection and electrical hook-up
- Available in sizes from 12 to 1600kW
- Standard features, include pressure and liquid level controllers, ASME Code pressure vessel and safety valve
- Safe, versatile easy-to-use heat sources for low- or high-pressure steam
- Insulated Carbon Steel Pressure Vessel ASME Section 1, standard pressure up to 150 PSIG design – higher pressures available
- Quick steam ramp up



ES available in sizes from 12 to 180kW



SVS available in sizes from 12 to 1600kW

## Stainless steel boilers for cleaner steam applications using pure feed water, up to 1600kW loads



PHARMACEUTICAL



COSMETICS



FOOD



CHEMICAL PROCESSING

Designed for pharmaceutical, laboratory, sterilization, food processing, cosmetics, chemical processing, autoclaves

## SSB and SVS-SS Stainless Steel Electric Boilers

- Minimize contaminants with all stainless steel wetted parts
- Available in sizes from 12 to 1600kW
- Safe, versatile easy to-use heat sources for low- or high-pressure steam
- Insulated Carbon Steel Pressure Vessel ASME Section 1, standard pressure up to 150 PSIG design – higher pressures available
- Quick steam ramp up



SSB



SVS-SS

*High purity water must be used with these boilers*

Ultra-compact boilers for tabletop lab use, integral sterilizer applications, etc.



**AUTOCLAVES**



**LABORATORIES**



**DRY CLEANING**



**GARMENT INDUSTRY**

Ideal for industries that require efficient, high-quality steam in laboratories, hospitals, computer rooms, pilot plants and for small, low-steam consuming loads

## MBA and ESA Ultra-Compact Boilers

- Small size, small capacity, less space perfect for industries that require efficient, high-quality steam in laboratories, hospitals, computer rooms, pilot plants and for small, low-steam consuming loads
- Ideal use with sterilization equipment or standby operations in off seasons or when a larger boiler is shut down or unavailable
- Typically used as a tabletop or under counter



MBA



ESA

## Hot water boilers used for space heating or process heating



**COMMERCIAL HEATING**



**LOW-TEMPERATURE HEATING**



**FREEZE PROTECTION**



**INDUSTRIAL HEATING**

Designed for comfort heating, freeze protection, industrial process heating, industrial/commercial standby heating, supplementary heating, heat pump auxiliary heating

## EW and SVW Hot Water Boilers

- Easy and quick to install; no need for flue, gas or combustion air requirements.
- Available in sizes from 12 to 1600kW
- Ideal for all closed loop heating applications, including low temperature systems
- Insulated Carbon Steel Pressure Vessel ASME Section IV, up to 150 PSIG design.
- Zero emissions, small footprint and quiet operation



EW



SVW

## SHE Steam Heat Exchanger

- 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
- Built to requirements and is complete with liquid level control, pressure or temperature controls, drain valve, gauges, safety valve and steel support frame



## SSH Electric Steam Superheater

- Suitable for the heating of saturated steam under pressurized conditions adding BTUs to increase the quality and raise the temperature of saturated steam to super heated steam to match your process requirements



TURBINES

## Why Sussman

- 100+ years of steam engineering experience
- Network of dedicated, worldwide representatives
- Longer warranties
- Product designed for a compact footprint, ease of installation, and quiet operation

## Applications

Sterilization and Autoclave Use  
Steam Jacketed Kettles and Distillation  
Steam and Hot Water Space Heating  
Humidification  
Hot Water for Heat Pumps and Process  
CBD Extraction  
Food and Bakery Process  
Laboratory Environments  
Clean Steam for Pharmaceuticals  
Industrial Process