

The industry leader
in electric steam and
hot water boilers



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



SUSSMAN
ELECTRIC BOILERS

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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 undercounter



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 EWx Hot Water Boilers

- Easy and quick to install; no need for flue, gas or combustion air requirements.
- EW available in sizes from 12 to 1600kW
- EWx Available from 30kW to 1200kW
- 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
- Revolutionary Modular Design



EW



EWx

Unfired Steam Generator

- 20 Gauge Steel Jacket With Enamel Paint
- Structural Steel Support Skid Base Boiler
- Steam / Clean Steam Pressure Gauges
- Blow Off Manual & Automatic
- Gauge Glass
- Steam Separator
- High Pressure & Low Water Cut Off ASME
- Pressure Relief Valve
- Total Dissolved Solids Monitor (optional)
- Certifications: ASME, UL (Controls)



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



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