Sussman SVS Electric Boilers: Versatile Easy-to-Use Heat Sources for Low or High Pressure Steam.

Application include steam for:
- Chemical Tanks
- Reactors, Distillation and Autoclaves
- Dyestuffs
- Food Processing
- Jacketed Vessels for Processes
- Pipe Tracing
- Viscous Material
- Fuel Oil Line Heating
- Anti-Freeze Protection
- Comfort Heating & Humidification

Sussman SVS Electric Boilers are Engineered for:
- Easy Installation
- Automatic Operation
- Clean, Fume-Free, Quiet, Reliable Steam at the Turn of a Switch
- Primary or Alternate Source of Steam
- Low Maintenance
- No Fuel Delivery/Storage Problems
- Factory Tested – Ready to Operate

Boiler may not be exactly as shown
**SVS-Standard Features**

- Insulated Carbon Steel Pressure Vessel ASME Section 1, 150 PSIG with “S” Code Stamp.
- Built to UL, National Board Registration
- Standard 150 PSIG Design – Higher Pressures Available
- Fully Insulated Vessel, 2” Thick Insulation
- ASME Code Safety Valve
- NPT Inlet/Outlet Fittings Up to 3-1/2”, Flanged Inlet/Outlet Fittings for 4” and over (see Specification Chart)
- Vertically Mounted Incoloy Sheathed Immersion Elements
- NEMA I, Epoxy Finished Gasketed/Louvered Control Panel and Heater Enclosure
- Blowdown/Drain Valve
- Pressure Gauge with Isolating Stopcock
- Liquid Level Gauge Glass Assembly
- Backflow Check Valve and Solenoid Feedwater Valve
- Standard Pressure Range 20-150 PSIG (higher pressures may be available on request)
- Modulating Pressure Control (standard over 90A)
- Electronic Feedwater Control
- Boiler Operating Mode Indicator Lights
- Sub-Divided Circuit Fusing, Class “J”, HRC Form 1
- Industrial Rated Magnetic Contactors
- Manual Reset High Limit Pressure Control
- Main & Auxiliary Low Water Cut Off Controls
- 120V Control Circuit c/w On/Off Switch and Indicating Pilot Light
- 120VAC Control Circuit Transformer w/primary & secondary fusing
- Manual Reset Low Water Cutoff

**SVS Optional Equipment**

- Steam Outlet Globe Valve (150 PSIG)
- Timed Automatic Blowdown Systems
- Auxiliary Low Water Cutoff
- Auxiliary High Pressure Cutoff, for Auto or Manual Reset
- High Pressure Alarm
- Low Pressure Alarm
- Audible Alarm with Silencer
- Pilot Light for each Heating Stage
- Manual Off/Auto Switch for each Heating Stage
- Voltmeter, with 3 Position Selector
- Wattmeter
- Ammeter with 3 Position Switch
- Unfused Disconnect Switch
- Safety Door Interlock Switch
- Motor Starter with Overloads
- Flanged Inlet/Outlet
- Vacuum Breaker
- kW-HR meter
- Ground Fault Indicator

**SVS Electrical Information**

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<th>Model</th>
<th>KW*</th>
<th>BHP Rating</th>
<th>Lbs. Steam/Hr 212°F**</th>
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*Other Voltages, KW ratings available
**With 50˚ feedwater, Output higher with hotter feedwater.
Specify Model, KW, Voltage, PPH, trim pressure & optional equipment

**Notes:**
- Add 36 inches to “H” dimension for element removal.
- Depending on V/P/H, options, please consult factory for dimensions & weight.

**SVS Electrical Boiler Specifications**

| Standard Design pressure: 150 PSIG |

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