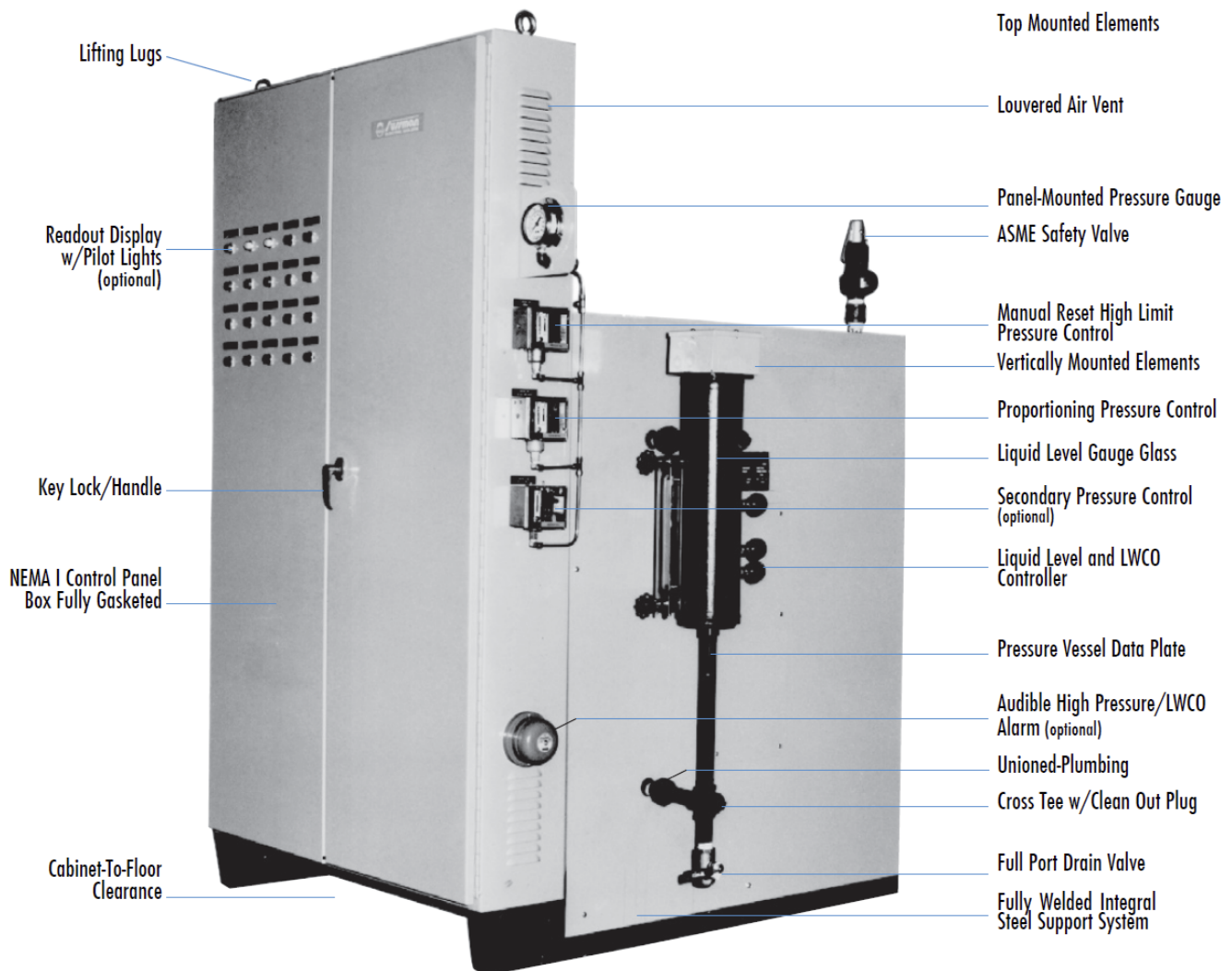


SVSSERIES

ELECTRIC STEAM BOILERS

- KW Rating: 12 to 1650
- Lbs/Hr Sat. Steam: 36 to 5000
- PSIG Range: 0 to 150



BOILER MAY NOT BE EXACTLY AS SHOWN

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

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
- Flanged Steam Outlet
- Vertically Mounted Incoloy Sheathed Immersion Elements Complete with Epoxy End Seal
- 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 30-150 PSIG (higher pressures 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
- 5kA SCCR standard, higher SCCR optional

SVS ELECTRICAL INFORMATION

Model	kW*	BHP Rating	Steam Lbs/Hr - 212F**	3 Phase Voltage	Total Amperage Draw
SVS210	210	21.4	633	240 480	506 253
SVS240	240	24.5	723	240 480	578 289
SVS270	270	27.6	814	480	325
SVS300	300	30.6	904	480	361
SVS350	350	35.7	1055	480	421
SVS400	400	40.8	1206	480	482
SVS450	450	45.9	1356	480	542
SVS500	500	51.0	1507	480	602
SVS550	550	56.1	1658	480	662
SVS600	600	61.2	1809	480	723
SVS650	650	66.3	1959	480	783
SVS700	700	71.4	2110	480	843
SVS750	750	76.5	2261	480	903
SVS800	800	81.6	2411	480	963
SVS900	900	91.8	2713	480	1084
SVS1000	1000	102.0	3014	480	1204
SVS1100	1100	112.2	3316	480	1325
SVS1200	1200	122.4	3617	480	1445
SVS1400	1400	142.9	4220	480	1686
SVS1500	1500	153.1	4521	480	1806
SVS1600	1600	163.3	4823	480	1927
SVS1650	1650	168.4	4974	480	1987

*Other Voltages, KW ratings available

**With 50° feedwater, Output higher with hotter feedwater.

Specify Model, KW, Voltage, PPH, trim pressure & optional equipment

SVS OPTIONAL EQUIPMENT

- Steam Outlet Globe Valve (150 PSIG)
- Timed Automatic Blowdown Systems
- Secondary 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
- Safety Door Interlock Switch
- Motor Starter with Overloads
- Vacuum Breaker

PUR 100193 6/17



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