



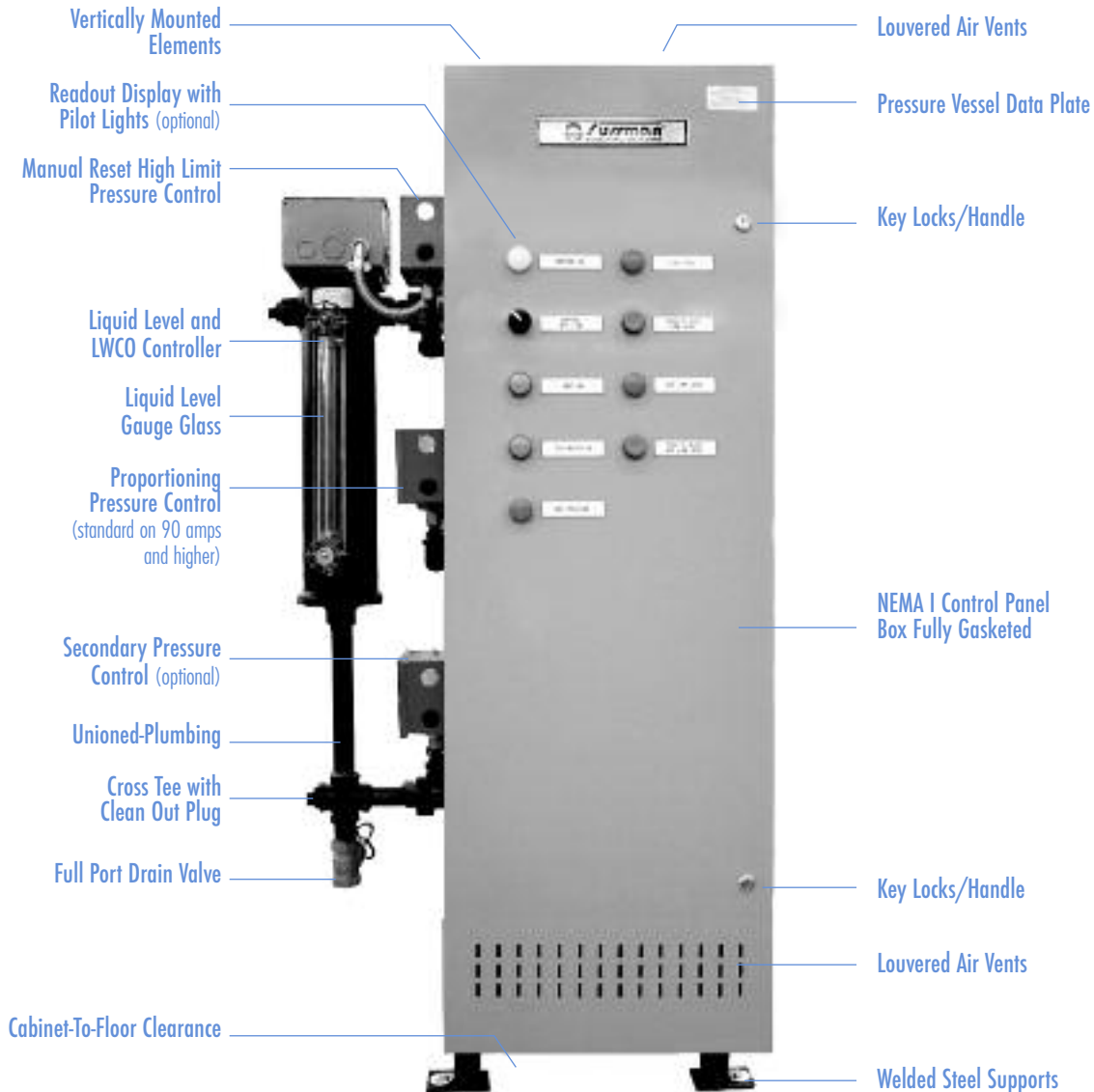
Sussman
ELECTRIC BOILERS

KW Rating: 12 to 180

Lbs/Hr Sat. Steam: 36 to 542

MAWP: 150 PSIG

SVS Electric Steam Boilers



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 – Lower and 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
- 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
- Check Valve and Solenoid Feedwater Valve
- Standard Pressure Range 20-150 PSIG (lower and higher pressures may be available on request)
- Modulating Pressure Control (standard over 90 Amps)
- 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, On/Off Switch and Indicating Pilot Light
- 120VAC Control Circuit Transformer w/primary and secondary fusing

SVS Electrical Information

Boiler Model	kW*	BHP Rating	Lbs./Hr. Steam**	3 Phase Voltage*	Amps	Dimensions (in)			Shipping Wt./lbs***
						H	W	D	
SVS 12*	12	1.22	36.2	208	34	54	16	24	360
				240	29	54	16	24	360
				480	15	54	16	24	360
SVS 18*	18	1.84	54.2	208	50	54	16	24	370
				240	44	54	16	24	370
				480	22	54	16	24	370
SVS 24*	24	2.45	72.3	208	67	54	16	24	370
				240	58	54	16	24	370
				480	29	54	16	24	370
SVS 30*	30	3.06	90.4	208	84	54	16	24	380
				240	73	54	16	24	380
				480	37	54	16	24	380
SVS 36*	36	3.67	108	208	100	54	16	24	380
				240	87	54	16	24	380
				480	44	54	16	24	380
SVS 48	48	4.90	145	208	134	54	16	24	390
				240	116	54	16	24	390
				480	59	54	16	24	390
SVS 60	60	6.12	181	208	167	54	16	24	400
				240	145	54	16	24	400
				480	73	54	16	24	400
SVS 72	72	7.35	217	208	200	54	16	24	410
				240	174	54	16	24	410
				480	87	54	16	24	410
SVS 100	108	11.0	325	208	300	54	16	24	410
				240	260	54	16	24	410
				480	130	54	16	24	410
SVS 135	144	14.6	433	208	400	60	26	36	1020
				240	347	60	26	36	1020
				480	173	60	26	36	1020
SVS 160	158	16.1	475	240	379	60	26	36	1040
				480	190	60	26	36	1040
SVS 180	180	18.4	542	240	434	60	26	36	1050
				480	217	60	26	36	1050

*Other Voltages, KW ratings available

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

***Approximate unpacked weight

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

NOTES: Add 36 inches to "H" dimension for element removal.

Depending on V/PH options, please consult factory for dimensions & weight.

SVS Optional Equipment

- Steam Outlet Globe Valve (150 PSIG)
- Timed Automatic Blowdown Systems
- Auxiliary Low Water Cutoff
- Manual Reset 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