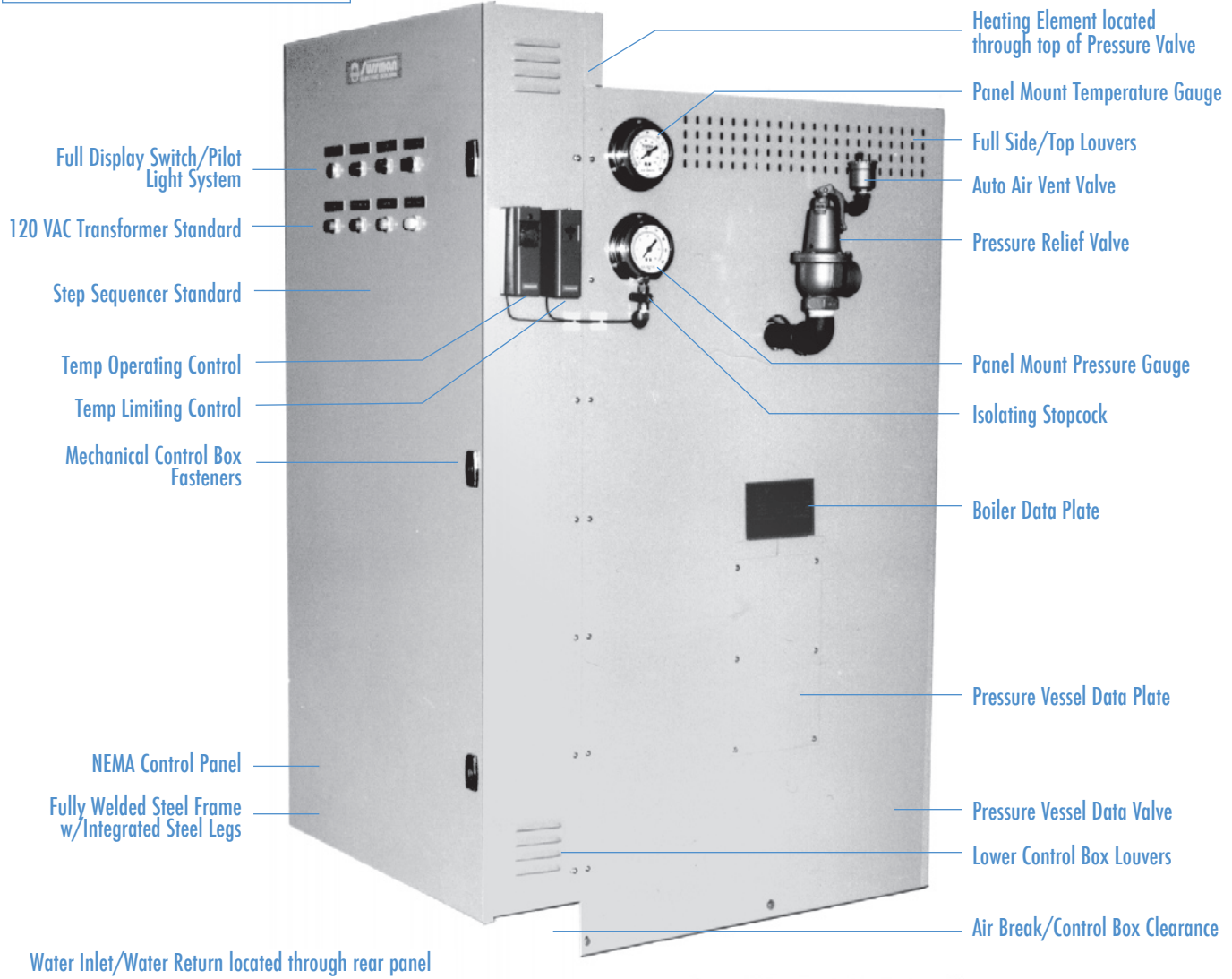




Sussman[®]
ELECTRIC BOILERS

SVW Vertical Electric Hot Water Boilers

BTU OUTPUT: Up to 5,000,000
KW RATING: 12 to 1800
PSIG RANGE: 0 to 160 PSIG



GENERAL SVW ARRANGEMENT SHOWN

Sussman SVW Hot Water Boilers provides versatile and easy-to-use heat sources producing hot water for:

- Industrial Process Heating
- Industrial/Commercial Standby Heating
- Comfort Heating
- Supplementary Heating
- Heat Pump Auxiliary Heating
- Freeze Protection
- Hot Water Supply

Sussman SVW Hot Water Boilers are engineered to perform as an effective energy management program for hot water heating systems and offer these excellent benefits:

- Reduced Installation Costs
- No Fuel Delivery/Storage
- Low Maintenance
- Years of Trouble-Free Operation
- Factory Tested, Ready to Use

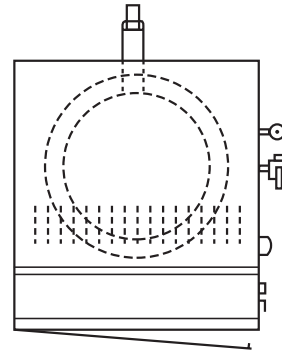
Hot Water Boiler Specification Standard Design Pressure: 160 PSIG

SVW-Standard Features

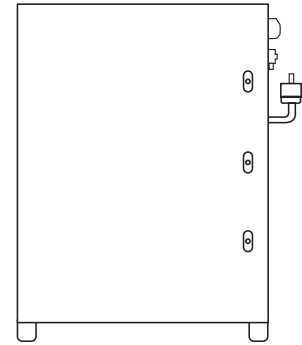
- Fully insulated ASME coded & stamped Carbon Steel pressure vessel, Code H, 160 PSIG
- National Board registered
- ASME safety relief valve set @ 150 PSIG
- NPT inlet/outlet fittings up to 3-1/2"; flanged inlet/outlet fittings 4" and over
- Incoloy sheathed immersion element complete with epoxy seals
- NEMA 1 epoxy finished control panel and heater enclosure
- Drain Valve at lowest practical vessel location
- Temperature and Pressure gauges panel mounted
- Operating temperature range 160° to 250° F
- On/off staging up to 90 amp rating
- Proportional temperature controller for units over 95 amps complete with step controller
- Manual reset high limit, 250° F max
- Electronic low water cut off with automatic reset standard
- 120V control circuit complete with on/off switch and indicating pilot light
- Sub-circuit Power fusing, class "J"
- Industrial rated magnetic contactors
- Boiler operating mode indicator lights
- Automatic air venting valve
- 120VAC control circuit transformer w/fusing
- Pressure gauge w/isolation stopcock
- Inspection/clean-out vessel opening
- Magnetic Contactors

Typical Arrangement

Consult with factory for specific arrangement & details



Top View



Plan View

Boiler Model	KW Rating	BTUH	3 Phase Voltage	Total Amperage Draw
SVW12	12	40,944	208, 240, 480	34, 29, 15
SVW24	24	81,888	208, 240, 480	67, 58, 29
SVW36	36	122,832	208, 240, 480	95, 85, 42
SVW60	60	204,720	208, 240, 480	162, 140, 70
SVW100	100	341,200	208, 240, 480	278, 241, 121
SVW200	200	682,400	208, 240, 480	555, 482, 240
SVW300	300	1,023,600	208, 240, 480	833, 722, 361
SVW400	400	1,364,800	480	482
SVW500	500	1,706,000	480	602
SVW600	600	2,047,000	480	722
SVW700	700	2,388,400	480	843
SVW800	800	2,279,600	480	963
SVW900	900	3,070,800	480	1,084
SVW1000	1000	3,412,000	480	1,204

Model	Inlet & Outlet	Water Volume Drain	Shipping (gallons)	Weight
SVW12- SVW150	2" NPT	3/4" NPT	13.6	450 lbs
SVW165- SVW450	4" Flange	1-1/4" NPT	55.81	250 lbs
SVW500- SVW600	4" Flange	1-1/2" NPT	126	2060 lbs
SVW650- SVW1000	4" Flange	1-1/2" NPT	247	3500 lbs

Depending on on VIPH options, please consult factory for dimensions and weight.