



**SUSSMAN 'SSB' SERIES PARTS LIST
EFFECTIVE: MAY 19, 2025**

PART #	DESCRIPTION
STEAM SAFETY VALVES	
103157	100 PSIG 1/2" NPT (SSB12 to SSB100)
99137SS	100 PSIG 1" NPT (SSB135 to SSB180)
99297SS	15 PSIG 1/2" NPT (SSB12 to SSB72)
99140SS	15 PSIG 1" NPT (SSB85 to SSB180)
99134SS	50 PSIG 1/2" NPT (SSB12 to SSB72)
99143SS	50 PSIG 1" NPT (SSB85 to SSB180)
PRESSURE CONTROLS - TWO PIECE ASSEMBLY ON SSB BOILERS MANUFACTURED PRIOR TO DECEMBER 2023: SERIAL NUMBER SUFFIX OF "-Z23" OR EARLIER. LIMITED AVAILABILITY. ONCE EXHAUSTED, MUST USE THE APPLICABLE ONE PIECE ASSEMBLY 27020-X AND 27021-X BELOW.	
103263	SWITCH 15 PSIG SS OPERATING PRESSURE CONTROL
103264	TRANSDUCER 15 PSIG SS OPERATING PRESSURE CONTROL
103801	SWITCH 15 PSIG SS HIGH LIMIT PRESSURE CONTROL - MANUAL RESET
103802	TRANSDUCER 15 PSIG SS HIGH LIMIT PRESSURE CONTROL - MANUAL RESET
103215	SWITCH 100 PSIG SS OPERATING PRESSURE CONTROL
103216	TRANSDUCER 100 PSIG SS OPERATING PRESSURE CONTROL
103218	SWITCH 100 PSIG SS HIGH LIMIT PRESSURE CONTROL - MANUAL RESET
103219	TRANSDUCER 100 PSIG SS HIGH LIMIT PRESSURE CONTROL - MANUAL RESET
PRESSURE CONTROLS - SINGLE ASSEMBLY ON SSB BOILERS MANUFACTURED JANUARY 2024 AND LATER: SERIAL NUMBERS WITH SUFFIX "-O24", "-P24", "-R24", ETC THROUGH ALL SSB BOILERS IN 2025	
27020-100	SINGLE CONTROLLER 100 PSIG REPLACES PRIOR ASCO PRESSURE SWITCH 103215 AND TRANSDUCER 103216
27021-100	SINGLE MANUAL RESET 100 PSIG HIGH LIMIT CONTROLLER REPLACES PRIOR ASCO PRESSURE SWITCH 103218 AND TRANSDUCER 103219
27020-50	SINGLE CONTROLLER 50 PSIG REPLACES PRIOR ASCO PRESSURE SWITCH 103215 AND TRANSDUCER 104539
27021-50	SINGLE MANUAL RESET 50 PSIG HIGH LIMIT CONTROLLER REPLACES PRIOR ASCO PRESSURE SWITCH 103218 AND TRANSDUCER 104540
27020-18	SINGLE OPERATING CONTROLLER 15 PSIG REPLACES PRIOR ASCO PRESSURE SWITCH 103263 AND TRANSDUCER 103264
27021-18	SINGLE MANUAL RESET 15 PSIG HIGH LIMIT CONTROLLER REPLACES PRIOR ASCO PRESSURE SWITCH 103801 AND TRANSDUCER 103802
PROPORTIONAL PRESSURE CONTROLS USED WITH SSB100442 SEQUENCER	
99373D	DWYER PRESSURE CONTROL PROPORTIONAL USED WITH SEQUENCER SSB100442
65026	EPC3008 TEMPERATURE/PRESSURE CONTROLLER USED WITH SEQUENCER SSB10042 ON SSB SHIPPED JULY 2024 OR LATER, WITH SERIAL NUMBER SUFFIX "-U24" OR LATER.
62005-100	PRESSURE TRANSMITTER USED WITH THE 65026 EPC3008 TEMPERATURE/PRESSURE CONTROLLER

SSB PARTS LIST

PART #	DESCRIPTION
PUMPS	
99160MSS	MTH (BLACK) PUMP & MOTOR 1/3 HP 120V or 230V 60 HZ (SSB12 to SSB72) FOR SSB38002A. DIFFERENT PIPE CONNECTIONS THAN THE 99160SS
99160SS	BURKS (BLUE) PUMP & MOTOR 1/3 HP 120V or 230V 60 HZ (SSB12 to SSB72) FOR SSB38002A. DIFFERENT PIPE CONNECTIONS THAN THE 99160MSS
99157MSS	MTH (BLACK) PUMP & MOTOR 1/2 HP 120V or 230V 60 HZ (SSB85 to SSB180) FOR SSB38020A. DIFFERENT PIPE CONNECTIONS THAN THE 99157SS
99157SS	BURKS (BLUE) PUMP & MOTOR 1/2 HP, 120V or 230V 60 HZ (SSB85 to SSB180) FOR SSB38020A. DIFFERENT PIPE CONNECTIONS THAN THE 99157MSS
SOLENOIDS	
99031SS	WATER SOLENOID COMPLETE 1/2" 120V 50/60 HZ; SSB12-SSB180
99032SS	WATER SOLENOID COMPLETE 1/2" 240V 50/60 HZ; SSB12-SSB180
MISCELLANEOUS VALVES & PRESSURE GAUGES	
99604SS	1/2" STRAINER (SSB12 to SSB180)
99167SS	CHECK VALVE - SPRING 1/2" (SSB12 to SS 180)
22062-0.5	OLD PN 99178BSS - SS BALL VALVE 1/2" STEAM
22062-0.25	OLD PN 99180SS - PRESSUE GAUGE BALL VALVE 1/4"
22062-1	OLD PN 99606SS - BALL VALVE 1" STEAM
99607SS	PRESSURE GAUGE 1-1/2" DIA. - 0-160 PSIG
99290SS	PRESSURE GAUGE 1-1/2" DIA. - 0-30 PSIG
TERMINAL BLOCK & FUSES	
99207	TERMINAL BLOCK, 3 POLE, 150 AMP: (SSB12-208/1; SSB18 - 208/1 & 240/1; SSB24 - 208/ 1& 208/3; SSB30-SSB36 - 208/3 & 240/3; SSB48-SSB72 - 380/3, 415/3, 480/3 & 600/3)
99264-6	FUSE - 10 AMP 250V
99209B	FUSE CUT OUT 1 POLE
99314	POWER CIRCUIT FUSE 250V 60 A (SSB30-SSB36 - 240/1; SSB48 - 208/3; SSB60-SSB135 - 208/3 & 240/3; SSB160-SSB180 -240/3)
99315	FUSE BLOCK for 99314
99316	POWER CIRCUIT FUSE 600V 60 A (SSB72 - 480/3 & 600/3; SSB85-SSB135 - 380/3 & 415/3 & 480/3 & 600/3; SSB160-SSB180 - 480/3 & 600/3)
99317	FUSE BLOCK for 99316
99539-60	OLD PN 99539 - POWER CIRCUIT FUSE 600V 60 A Class "J"
99580	OLD PN 99545 - TERMINAL BLOCK 4 POLE 30A 600V
99593	TERMINAL BLOCK (215A) for 5 CONTACTORS (SSB30-SSB36 - 240/1; SSB48-SSB72 - 208/3 & 240/3; SSB85-SSB180 - 380/3 & 415/3 & 480/3 & 600/3)
99594	TERMINAL BLOCK (325A) for 6 CONTACTORS (SSB85-SSB135 - 208/3; SSB135-SSB160 - 240/3)
99596	TERMINAL BLOCK (575A) for 10 CONTACTORS (SSB180 - 208/3 & 240/3)
MISCELLANEOUS	
92827	TOGGLE SWITCH
92829	PILOT LIGHT
92830	BOILER ON/OFF SWITCH W/PILOT LIGHT
100442-6	MULTISTAGE STEP SEQUENCER
99348	AUX LWCO RESET SWITCH
99363-120	OLD PN 99363 - RELAY DPDT - 120V

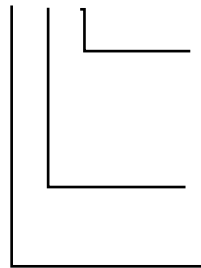
SSB PARTS LIST

PART #	DESCRIPTION
BOILER GASKET, FLANGE & BOLTS	
99087	BLANK FLANGE 4-1/2 x 4-1/2 (SSB Series)
99096B	GASKET (BLACK - NO SLIC-TITE USED)
10058-0.75-B	OLD PN 99547Z - 3/4 IN. ELEMENT BOLT (QTY of 1)
99547B	OLD PN 99547 - 3/4 IN. ELEMENT BOLT (QTY of 6)
99524-6T	18" #6 WIRE WITH TERMINAL END
99524	#6 WIRE (per ft.)
97116	RING TERMINAL
103540	BOILER GASKET KIT (INCL 99096B GASKET, 99547B BOLTS, & NUTS)
AUTOMATIC BLOWDOWN SYSTEM	
103662	TIME CLOCK - 120V, 60 HZ
99353	DELAY TIMER RELAY 130 BOARD
103661	MOTOR DRIVEN BALL VALVE - 120V 1" NPT
PARTS FOR MERCOID AUTOMATIC FLOAT FEED CONTROL & LOW WATER CUTOFF	
99601F	FLOAT FOR MERCOID
99601G	GASKET FOR MERCOID
99601M	MICROSWITCH; MERCOID USES TWO SWITCHES
99601SS	LOW WATER CUTOFF & AUTOMATIC WATER FEEDER, MERCOID FLOAT ASSEMBLY
SOLID STATE PROBE TYPE LOW WATER CUTOFF & WATER FEED CONTROLS	
90229-1	AUXILIARY LOW WATER CUT OFF PROBE FOR SSB MANUFACTURED PRIOR TO FEBRUARY 2021
90241MRSS	AUXILIARY LOW WATER CUT OFF BOARD - 120/1 FOR SSB MANUFACTURED PRIOR TO FEBRUARY 2021
90242MRSS	AUXILIARY LOW WATER CUT OFF BOARD - SSB 240/1 Export
103163	PROBE BOOT
81017F-18.5	AUX LWCO FLOAT TYPE 18.5" FOR SSB MANUFACTURED FEBRUARY 2021 AND LATER. REPLACES 90241MRSS AND 90229-1

SSB ELEMENT SELECTION CHART

BOILER MODEL #	Total KW	ELEMENTS			
		QTY	KW	QTY	KW
SSB-12	12	1	12		
SSB-18	18			1	18
SSB-24	24	2	12		
SSB-30	30	1	12	1	18
SSB-36	36			2	18
SSB-48	48	1	12	2	18
SSB-60	60	2	12	2	18
SSB-72	72			4	18
SSB-85	84	1	12	2	18
SSB-100	108			6	18
SSB-135	144			8	18
SSB-160	157.5			7	22.5
SSB-180	180			8	22.5

ELEMENT PART NO. 39 X X X



Volts A - 120 E - 415
 B - 208 F - 480
 C - 240 G - 600
 D - 380

Phase 1 - Single Phase
 3 - Three Phase

KW 12 - 12KW
 18 - 18KW
 22 - 22.5KW

Example: 39183B - 18KW, 3 Phase, 208 Volts

SSB HEATING ELEMENTS

PART #	KW	VOLTAGE/PHASE
39123BSS	12	208/3
39123CSS	12	240/3
39123DSS	12	380/3
39123ESS	12	415/3
39123FSS	12	480/3
39123GSS	12	600/3
39183BSS	18	208/3
39183CSS	18	240/3
39183DSS	18	380/3
39183ESS	18	415/3
39183FSS	18	480/3
39183GSS	18	600/3
39183ESSX	18	415/3
39223BSS	22.5	208/3
39223CSS	22.5	240/3
39223DSS	22.5	380/3
39223ESS	22.5	415/3
39223FSS	22.5	480/3
39223GSS	22.5	600/3
39223ESSX	22.5	415/3

Elements shipped with gasket, bolts and wire nuts.
 39183ESSX and 39223ESSX are passivated.

SSB CONTACTOR SELECTION CHARTS

QUANTITY AND AMPS								
	VOLTS/PHASE							
BOILER	208/1	240/1	208/3	240/3	380/3	415/3	480/3	600/3
SSB12	1-75	1-60	1-50	1-50	1-50	1-50	1-50	1-50
SSB18	*	*	1-60	1-50	1-50	1-50	1-50	1-50
SSB24	2-75	2-60	2-50	2-50	1-50	1-50	1-50	1-50
SSB30	--	--	2-60	2-50	1-50	1-50	1-50	1-50
SSB36	--	--	2-60	2-50	1-60	1-60	1-50	1-50
SSB48	--	--	3-60	3-50	2-50	2-50	2-50	2-50
SSB60	--	--	4-60	4-50	2-50	2-50	2-50	2-50
SSB72	--	--	4-60	4-50	2-60	2-60	2-50	2-50
SSB85	--	--	1-50, 4-60	5-50	3-60	3-60	3-50	3-50
SSB100	--	--	6-60	6-50	3-60	3-60	3-50	3-50
SSB135	--	--	8-60	8-50	4-60	4-60	4-50	4-50
SSB160	--	--	7-75	7-60	4-75	4-75	4-60	4-50
SSB180	--	--	8-75	8-60	4-75	4-75	4-60	4-50

* For SSB18, single phase, 208V and 240V use P/N 99006B, 50 A-4 Pole Contactor

CONTACTOR PART NUMBER SELECTION:

	VOLTS: 208/240/480/600	VOLTS: 346 / 380 / 415
AMPS	CONTROL CIRC: 120V COIL	CONTROL CIRC: 240V COIL
50	P/N 99003	P/N 99001
60	P/N 99075	P/N 99007
75	P/N 102206-1	P/N 102206

Example: For SSB72 240V 3 phase, there are 4 contactors, 50 amps each (Part Number is 99003, 120V Coil)

CONTACTOR PART NUMBER	DESCRIPTION
103834	PUMP CONTACTOR 120V 1 POLE
103834C	PUMP CONTACTOR 240V 1 POLE
99001	CONTACTOR 50 AMP RATING 230V 50/60 HZ
99003	CONTACTOR 50 AMP RATING 120V 50/60 HZ (208V, 240V, 480V, 600V)
99006B	CONTACTOR 50 AMP RATING 4 POLE 120V 50/60 HZ
99007	CONTACTOR 60 AMP RATING 240V 50/60 HZ
102206-1	CONTACTOR 75 AMP RATING 120V 50/60 HZ
102206	CONTACTOR 75 AMP RATING 240V 50/60 HZ
99075	CONTACTOR 60 AMP RATING 120V 50/60 HZ

SSB GAUGE GLASS USAGE CHART

MODEL #	LENGTH	VALVE ASSEMBLY		GLASS TUBE	
		NEW PN	OLD PN	NEW PN	OLD PN
SSB12-SSB18	6"	24011	99603SS	24013-6.0-SS	99084-1
SSB24-SSB72	8"	24011	99603SS	24013-8-SS	99080-1SS
SSB84-SSB180	10"	24011	99603SS	24013-10-SS	99081-1SS
BDT	10-1/4"	99173C	99173C	24013-10.25-BR	99082-1

NOTE:

1. Gauge glass tube and valve assembly is sold separately
2. Glass tube includes 2 (washer) gaskets P/N 99174CV
3. Glass tube is 5/8 in. diameter Pyrex

NEW PART #	OLD PART #	DESCRIPTION
24013-6.0-SS	99084-1	6" GLASS WITH (2) SLEEVE GASKETS (SSB12 & 18)
24013-8-SS	99080-1SS	8" GLASS WITH (2) SLEEVE GASKETS (SSB24 TO SSB72)
24013-10-SS	99081-1SS	10" GLASS WITH (2) SLEEVE GASKETS (SSB85 & 100)
24011	99603SS	GAUGE GLASS ASSEMBLY 1/2" x 1-3/4" (SSB Series)
99174CV	99174CV	GAUGE GLASS VITON SLEEVE GASKET
24013-10.25-BR	99082-1	10-1/4" GAUGE GLASS WITH (2) SLEEVE GASKETS FOR BDT