



Troubleshooting Guide

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TROUBLESHOOTING GUIDE

TECHNICAL DATA CHART

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Part Description	Part Number	Voltage	Amperage	Watts	Ohms
Motorized Latch	802257	120		4	2900
Temperature Sensor	800306				1091 (at 75° F)
Oven Light	800307	12	1 to 2	20	.6
Element, Convection		240	10	2400	24
Element, Convection		208	8.7	1803	24
Fan, Convection CCW	800699	120	.46	55	8.8
Fan, Convection CW	800701	120	.46	55	8.8
Cooling Fan	801143	120		65	Hi: 9.7, Lo: 12.8
Meat Probe	800529				34,000 (at 90° F)
Element, Bake Stone	800717	240	14.6	3500	16.4
Element, Bake Stone		208	12.7	2640	16.4
Transformer	800950	120 to 12	3.33	40	
Element, Broil (18")	802071	240	8.33	2000	28.8
Element, Broil (18")		208	7.2	1500	28.2
Element, Broil (30")	801120	240	15	3600	16
Element, Broil (30")		208	13	2704	16
Element, Broil (36")	801615	240	16.6	4000	14.4
Element, Broil (36")		208	14.4	3004	14.4
Solenoid, Single	802089	10			185 to 215

Note: Actual readings may vary by $\pm 10\%$.

Bake Elements

Starting with serial number 18115700, the bake heating elements were changed from ribbon elements to Calrod elements.

RIBBON BAKE ELEMENTS (PTS 18115700)					
Part Description	Part Number	Voltage	Amperage	Watts	Ohms
Element, Bake (18")	802012	240	6.04	1450	39.7
Element, Bake (18")	802012	208	5.2	1082	39.7
Element, Bake, Outer (30", 36")	804152	240	4.166	1000	57.6
Element, Bake, Inner (30", 36")	804152	240	5	1200	48
Element, Bake, Outer (30", 36")	804152	208	3.6	750	57.6
Element, Bake, Inner (30", 36")	804152	208	4.33	900	48

Note: Actual readings may vary by $\pm 10\%$.

CALROD BAKE ELEMENTS (SWS 18115700)					
Part Description	Part Number	Voltage	Amperage	Watts	Ohms
Element, Bake (18")	822373	240	6.04	1450	39.7
Element, Bake (18")	822373	208	5.24	1090	39.7
Element, Bake, Outer (30", 36")	822374	240	6.875	1650	34.9
Element, Bake, Inner (30", 36")	822374	240	7.71	1850	31.1
Element, Bake, Outer (30", 36")	822374	208	5.96	1240	34.9
Element, Bake, Inner (30", 36")	822374	208	6.69	1391	31.1

Note: Actual readings may vary by $\pm 10\%$.

Orifice Quick Reference Chart - PTS 17000000				
Part Description	Part Number	Orifice Size		
		Metric	Marking	
Burner Valve, Lg, Nat	802018	Simmer Bypass 0.62	62	
		Main Bypass 0.97	97	
Burner Valve, Sml, Nat	804349	Simmer Bypass 0.60	60	
		Main Bypass 0.57	57	
Burner Valve, Lg, LP	802400	Simmer Bypass 0.39	39	
		Main Bypass 0.6	60	
Burner Valve, Sml, LP	808015	Simmer Bypass 0.39	39	
		Main Bypass 0.46	46	
Jet Holder, Lg, Nat w/orifice	802404	Main 1.78	178	
Jet Holder, Lg, LP w/orifice	802405	Main 1.15	115	
French Top Jet Holder, Nat	802250	1.78	178	
French Top Jet Holder, LP	802275	1.15	115	
Jet Holder, Sml, Nat w/orifice	805730	Main 1.4	140	
Jet Holder, Sml, LP w/orifice	805729	Main 0.91	91	
Outer Dist. Ring, Sml, Nat w/orifice	800470	Simmer 0.63	J	
Outer Dist Ring, Sml, LP w/orifice	802679	Simmer 0.37	G	
Outer Dist. Ring, Lg, Nat w/orifice	802398	Simmer 0.90	S	
Outer Dist. Ring, Lg, LP w/orifice	802276	Simmer 0.57	P	
Char-Broiler IR Orifice, Nat	800837	0.50	50	
Char-Broiler IR Orifice, LP	801011	0.57	57	
Griddle IR Orifice, Nat	800838	0.51	51	
Griddle IR Orifice, LP	801011	0.57	57	

Orifice Quick Reference Chart - SWS 17000000					
Part Description	Part Number	Orifice Size			
		Part#	Size	Marking	
Burner Valve, 15K, Nat	808016	Simmer 804128	.62 mm	62	
		Main 809495	.67 mm	67	
Burner Valve, 15K, LP	808017	Simmer 809493	.43 mm	43	
		Main 809493	.43 mm	43	
Burner Valve, 9.2K, Nat	808014	Simmer 809493	.43 mm	43	
		Main 800054	.54 mm	54	
Burner Valve, 9.2K, LP	808015	Simmer 801322	.33 mm	33	
		Main 800893	.34 mm	34	
Orifice Holder, 15K, Nat	809781	Simmer 809485	.79 mm	79	
		Main 809484	1.80 mm	180	
Orifice Holder, 15K, LP	809752	Simmer 809479	.47 mm	47	
		Main 809743	1.17 mm	117	
Orifice Holder, 9.2K, Nat	808000	Simmer 809482	.65 mm	65	
		Main 809481	1.40 mm	140	
Orifice Holder, 9.2K, LP	808001	Simmer 809477	.41 mm	41	
		Main 809476	.93 mm	93	
Orifice Holder, FT, Nat	802250	Main 809484	1.80 mm	178	
Orifice Holder, FT, LP	802275	Main 809743	1.17 mm	117	
Orifice Char IR, Nat		800837	0.070 in.	50	
Orifice Char IR, LP		801011	0.043 in.	57	
Orifice Griddle IR, Nat		800838	0.067 in.	51	
Orifice Griddle IR, LP		801011	0.043 in.	57	

Operation Time Chart (Convection Fans May Operate in Preheat)

Mode	Element(s)	Operation Time	Convection Fan
Bake	Outer Inner Broil	60% 32% 10%	None
Broil	Broil	100% 70% 50%	None
Roast	Outer Inner Broil	37% 63% 30%	None
Bake Stone	Broil Bake	42% 58%	Left - 43% Right - 38%
Convection	Left Convection Right Convection	55% 55%	Left - 55% Right - 55%
Convection Roast	Broil Left Convection Right Convection	17% 47% 47%	Left - 100% Right - 100%
Convection Broil	Broil	100% 70% 50%	Left - 100% Right - 100%
Convection Bake	Outer Inner Left Convection Right Convection	8% 20% 57% 57%	Left - 57% Right - 57%

Operation Time Chart

Mode	Elements	Operation Time	Duration
Self Clean	Stage 1- Outer Inner Broil	33% 66% 66%	12 minutes
	Stage 2 - Outer Inner Broil	33% 66% 66%	Until Oven Reaches 850°F

NOTE: Door locks at start of Self-Clean. Unlocks at 300°F.

Cooling Fan Operational Temperatures

Lo Speed - ON @ 225°F	Lo Speed - OFF @ 175°F
High Speed - ON @ 430°F	High Speed - OFF @ 380°F
Oven OFF - Cooling Fan turns OFF @ 300°F	

Preheat Times

Mode	Temp.	240V 30" / 36"	208V 30" / 36"	240V 18"	208V 18"	NOTE: Preheat times are approx.
Bake	350 °F	13 min.	15 min.	16 min.	21 min.	
Convection Bake	375 °F	15 min.	27 min.	18 min.	29 min.	
Convection Roast	325 °F	13 min.	19 min.	18 min.	23 min.	
Convection	325 °F	18 min.	23 min.	16 min.	20 min.	
Roast	350 °F	13 min.	17 min.	20 min.	26 min.	
Bake Stone	400 °F	24 min.	32 min.	n/a	n/a	