			Minimum Value		Factory	Maximum Value		(Pa)		
Parameters	**Description**	**Unit of Mesurment**	**Unlock***	**Lock**	**Sabrina SP40_B_V_1_1_1 15_ENCODER .enc**	**Lock**	**Unlock***	**Sabrina SP40_B_V_1_1_1 15_ENCODER .enc**	**Update**	**Note**
Note: ***in the column of Factory Setting I have left in the original value***										
P1	Phase I	min	20	20	30	30	30		Same	Ignition time (maximum time to end "START PHASE I" and end "START PHASE II")
Advance settings only, do not change the values										
P2	Phase II	min	2	2	5	8	10		Same	Flame stabilization time (duration of "START PHASE II")
Advance settings only, do not change the values										
P3	intervals	min	30	30	60	90	180		**45**	Grate cleaning intervals
06-2015 Update: *The grate cleaning interval should now be set to every* ***45*** *minutes, cleaning more often avoid having accumulation of ash If you have a stack of ash that hold it self like a bread or a sponge you need to shorten this time, 03P work in combination with 12P*										
P4	Feed Phase I	sec	2	2,7	3,2	4	12		Same	Pellet feed time during ignition ["START PHASE I"]
P5	Feed Phase II	sec	2	3	3,8	5	12		Same	Pellet feed time during stabilization ["START PHASE II"]
P6	Feed P1	sec	2	2,7	3,3	4	12		Same	Pellet feed time at Power 1 [Level P1]
P7	Feed P2	sec	2	3,5	4,6	5	12		Same	Pellet feed time at Power 2 [Level P2]
P8	Feed P3	sec	2	4,5	6,4	6	12		Same	Pellet feed time at Power 3 [Level P3]
P9	Feed P4	sec	2	5,5	7,7	7	12		Same	Pellet feed time at Power 4 [Level P4]
P10	Feed P5	sec	2	6	-	8,2	12		Same	Pellet feed time at Power 5 [Level P5]
Advance settings pellet feed values can be change but only in very rare occasion leave them as default too example;In solar panel installation, I disconnect the 300 watts igniter so it does nut drain batteries. Energy saving off, so the stove never shot down, the customer needs to ignite pellets whit exterior fluid manual just like it says in the owner's, in case of failure of the igniter. This way the stove run only on minimum watt										
P11	Alarm Delay	Sec	20	20	60	90	90		**90**	Alarm delay
06-2015 Update: The alarm delay I change to **90** gives you more time when comes time to fill up the pellets										
P12	Cleaning Time	sec	10	10	20	30	30		**24**	Grate cleaning time
06-2015 Update: The grate cleaning time I change to **24** lets little more time to clean the grate If you have a stack of ash that hold it self like a bread or a sponge you need to increases this time, 12P work in combination with 03P										
P13		°C / (°F)	40	104	43 (109)	122	50		Same	Smoke temperature for passing on START PHASE I I / Switch OFF exhaust fan : (13P+43 -3) [°C]
Do not change value										
P14		°C / (°F)	160	302	178 (353)	374	190		Same	Smoke temperature for setting blower to maximum speed and Power to Level P1 : "MAX VENT FLUE COOL" ; Ysteresis= -3°C
Do not change value, in case of over heat of the stove										
P15		°C / (°F)	70	158	80 (176)	194	90		Same	Smoke temperature for Blower Start Up / (Switch OFF - 6°C]
Advance settings only no need to change value										
P16	Comb Fan Phase I	rpm	1500	1700	1990	2300	2800	110	Same	Combustion fan speed during ignition (to be checked by air pressure instrument)
To be adjusted whit manometer cold do not listen to dose old age that says you need to pre heat the stove first										
P17	Comb Fan Phase II	rpm	1500	1700	2000	2300	2800	95	Same	Combustion fan speed during stabilization (to be checked by air pressure instrument)
To be adjusted with manometer on phase I										
P18	Comb Fan P1	rpm	1500	1500	1850	2100	2800	60	**+5 (Pa)**	Combustion fan speed at Power 1 (to be checked by air pressure instrument)
To be adjusted whit manometer hot on P1 for at least 15 minutes before adjustments the rpm will probably not match the default as showed ***06-2015 Update:*** *the (Pa) level at 18P is now* ***+5 (Pa)*** *from Original Value*										
P19	Comb Fan P2	rpm	1500	1700	1950	2300	2800	65		Combustion fan speed at Power 2 (to be checked by air pressure instrument)
P20	Comb Fan P3	rpm	1500	1900	2150	2400	2800	75		Combustion fan speed at Power 3 (to be checked by air pressure instrument)
P21	Comb Fan P4	rpm	1500	2050	2410	2600	2800	85		Combustion fan speed at Power 4 (to be checked by air pressure instrument)
P22	Comb Fan P5	rpm	1500	2350	-	2800	2800	95	**-5 (Pa)**	Combustion fan speed at Power 5 (to be checked by air pressure instrument)
To be adjusted whit manometer hot on P5 for at least 15 minutes before adjustments the rpm will probably not match the default as showed ***06-2015 Update:*** *the (Pa) level update 06-2015 at 22P is now* ***-5 (Pa)*** *from Original Value*										
P23	Convection Fan P1	Value			33					Convection fan speed at power Level P1
P24	Convection Fan P2	Value			34					Convection fan speed at power Level P2
P25	Convection Fan P3	Value			36					Convection fan speed at power Level P3
P26	Convection Fan P4	Value			38					Convection fan speed at power Level P4
P27	Convection Fan P5	Value			38					Convection fan speed at power Level P5
To the customer convenience if in a living room, or in a plain basement ***Note: the minimum and maximum value showed in this chart are not the one you will find in your stove these one have been unlocked for maximum range.***										
P28	Hi Limite Switch	°C / (°F)	150		190 (374)		270			Smoke Temperature Limit - Alarm (MASS TEMP)
Do not touch the 28P level this is the cut off and its set for safety										

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