

Menuselect BC20 Control Service Guide



To Access the following menus, press the MAINT button
Use the rotation of the knob to select Menu Items and press the knob in to select an item. Also use the knob rotation or the number keys as needed to modify values and press the knob to enter the new values.

Manager Programming: Code = 6647 If needed

Item Number	Description	Default Setting BC20G
1	Copy RCP (Recipes) From USB	
2	Copy RCP (Recipes) To USB	
3	Copy HACCP to USB	
4	Date (mm/dd/yyyy)	
5	Time (24Hr)	
6	Auto Start	Off
7	Manager Passcode	No
8	Recipe Passcode	No
9	Temperature Unit	F
10	Cool Down Temp	100F
11	Temp Display Rate (mm:ss)	00:00
12	Input Response Time (mm:ss)	00:10
13	Setback Time (hh:mm)	00:00
14	Ready Beep	On
15	Cook Done Beeper Pause (3x only if enabled)	No
16	Cook Cool Fan enable	Yes
17	Restore Manual	No
18	Remote Beeper	Yes
19	RCP Cook Mode SW	Yes
20	Boiler Set Temp Preheat	185F
21	Boiler Set Temp Cook	212F
22	Delime Fill Time (mm:ss)	01:00
23	Delime Interval (30,60 or 90 Hrs)	30Hr
24	Flush Interval (hours)	24Hr
25	Prime Delime Pump	
26	Exit	

Factory Programming: Code = 3228 If needed

Item Number	Description	Default Setting BC20G
1	Copy FCT From USB	
2	Copy FCT To USB	
3	Appliance Type	Gas
4	Boiler Enable	Yes
5	Temperature Unit	F
6	Min Hot Air Temp	140F
7	Max Hot Air Temp	500F
8	Min Steam Temp	85F

9	Max Steam Temp	225F
10	Max Core Probe Temp	350F
11	Upper Hot Air Hys	2F
12	Lower Hot Air Hys	2F
13	Upper Steam Hys	2F
14	Lower Steam Hys	2F
15	Upper Ready Band	25F
16	Lower Ready Band	10F
17	Cavity Probe Offset	0F
18	Core Probe Offset	-2F
19	Setback Temp Combi	300F
20	Setback Temp Steam	180F
21	Max Steam Demand Time	20:00
22	SCK Address	30
23	Factory Passcode ?	Yes
24	Service Passcode ?	Yes
25	Exit	

Service: Code = 7378 if Needed

1. Counters	
Item Number	Count Description
1	Heat
2	Fan Speed Low
3	Fan Speed High
4	Steam Valve
5	Cook Done
6	Cooling Fan
7	Hot Air
8	Hot Air Enable
9	Door
10	Core Probe
11	Delime Valve
12	Boiler Heat
13	Fill Valve
14	Drain Valve
15	Delime Total
16	Delime Delay
17	Delime Cancel
18	Flush Total
19	Flush Delay

20	Flush Cancel
21	HACCP to USB
22	RCP From USB
23	RCT to USB
24	Exit
2. Clear Counters (No/Yes)	
3. Error Log	
Item Number	Error Log
1	Cavity Probe Error
2	Cavity High Temp Error
3	Cooling Fan Probe Error
4	Fan Error
5	Boiler Probe Error
6	Exit
4. Clear Error Log (No/Yes)	
5. Diagnostic Output	
Diagnostic Key (momentary)	Diagnostic Output
TEMP	Heat
COMBI	Fan Speed High
REHERM	Fan Speed Low
PROG	Fill
ESC	Cooling Fan
TIME	Cook Done
HOT AIR	Delime
PROBE	Boiler Heat
MAINT	Drain
5	Hot Air
8	Hot Air Enable
6. Diagnostic Input	
Diagnostic Key	Diagnostic Input
TEMP	Fan Error
COMBI	Door
REHERM	Cavity Probe Temp
PROG	Cool Fan Probe Temp
STEAM	Water Hi Level Switch
STEAM ON DEMAND	Water Lo Level Switch
4	Core Probe Temp
7	Boiler Probe Temp
7. Exit	
Delime	
1	Start Delime (Yes/No)

2	Delime Interval (hours)
3	Next Delime (hh:mm)
4	Exit
Flush	
1	Start Flush (Yes/No)
2	Flush Interval (hours)
3	Next Flush (hh:mm)
4	Exit
Exit	

Below are the Error Codes the control can display and their meaning:

Code	Meaning
Delime Error Water Level Switch	The water level switches did not change in 15 minutes during a Delime sequence while draining or filling.
Delime Error Boiler Temp	The Boiler probe did not reach 185F within 15 minutes during a Delime sequence.
Flush Error Water Level Switch	The water level switches did not change in 15 minutes during a Flush sequence while draining or filling.
Cooling Fan Probe Error	The cooling fan probe reads less than 32F or greater than 575F.
Fan Error	The Drive At Speed signal is missing for 15 Seconds.
Com Error	The control lost signals from the relay board for 3 seconds.
Cavity Probe Error	The cavity probe reads less than 32F or greater than 575F.
Cavity High Temp Error	The cavity probe reads greater than 565F for Gas or 650F for electric OR reads 150F above the cavity set temperature.
No Heat Error	The cavity probe temperature does not raise 1F in 5 minutes during a call for cavity heat.
Boiler High Temp Error	The boiler probe reads greater than 250F.
Boiler Hi Limit Switch	The boiler manual reset high limit tripped and is sending a signal to the relay board. It trips at 248F.
Boiler Probe Error	The boiler probe reads less than 32F or greater than 575F.
Water Level Error	The water high level switch does not open after 15 minutes of filling during any time that is not delime or flushing.