BULLETIN NUMBER:	SP8051-1704
DATE:	4/17/2017
PRODUCT LINE:	ACCU-STEAM
MODELS:	ALL MODELS
SERIAL NUMBER:	16514 & HIGHER
SUBJECT:	FIELD REPLACEMENT OF P/N AT0E-3625-5-R16

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NOTE:
Unplug griddle from wall receptacle or turn off circuit breaker before replacing the control board in order to prevent damage to controller board or equipment.
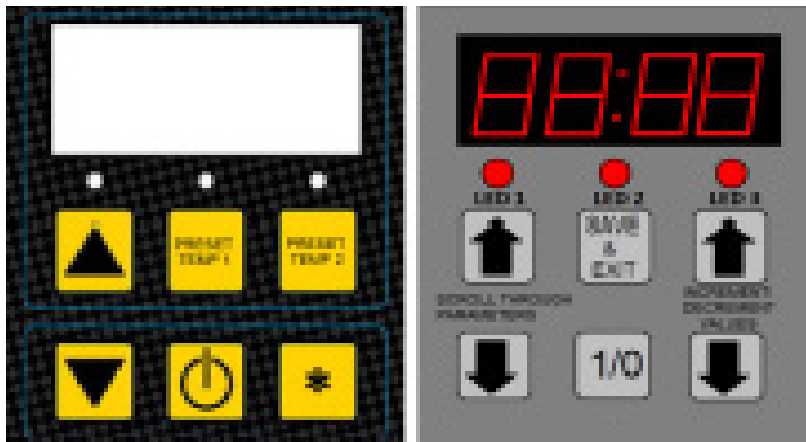
Changes from previous release Rev 14

- Changed increment value from 5 degrees to 1 degree
- Added key hold accelerators for programming mode and on the fly adjustments
- Added Manager Mode parameter for probe offset =$\pm$10

 When changing the board make sure to ground yourself against the metal of the appliance prior to removing the old board and prior to replacing with the new replacement to lessen the effect of electro-static discharge damaging the board.

 When power is applied to the control, the control will configure itself to operate in accordance with the parameters stored in memory. These parameters may be adjusted using the Manager's Mode.

This bulletin is in reference to AccuTemp griddles with revision 16 software.(R016)

Verify software revision

1. Ensure the unit is turned off.
2. Press and hold the the four corner buttons together (S1 ▲ ,S3 PRESET TEMP 2 ,S4 ▼ ,S6 🌡 or ✳)
3. The third set of numbers displayed will be the revision number. (Example- "2245"/ "7074" / "R016". This indicates software revision 16 is installed).

1. **ON/OFF -** To turn unit on: depress the On/Off key ⏻ . To turn off the unit press and hold the On/Off key ⏻ for approximately five seconds.
2. **SET TEMPERATURE ON THE FLY** - If User Lock Out mode is OFF, the set temperature maybe adjusted. To set temperature, press either the UP arrow key ▲ or DOWN arrow key ▼ and hold for approximately 3 seconds. Press the UP arrow key ▲ or DOWN arrow key ▼ to decrement from the current temperature setting. Wait for five seconds. If there are no other key presses, the unit will auto start to the new setting. Press the On/Off key to exit without saving.
3. **SELECT PRESET TEMPERATURE** - Press a PRESET TEMP key [PRESET TEMP 1] or [PRESET TEMP 2] and hold for approximately 3 seconds.
4. **SET PRESET TEMPERATURE** - Follow the "SET TEMPERATURE ON THE FLY" procedure to arrive at the set the temperature desired to be saved. Then press and hold, for approximately 3 seconds, the desired Preset Temp key to assign the new temperature. The unit will save the new value and turn off to force a reload of the new temperature value into memory.
5. **USER LOCK OUT MODE -** Press and hold the On/Off key ⏻ and the Temp 🌡 or Asterisk ✳ key for approximately 4 seconds while the controller is ON. After 4 seconds, the USER LOCKOUT parameter will toggle and the display will show either "Loc" or "ULoc". The appliance will power down to save the value.
6. **SET PROBE OFFSET (MANAGER'S MODE)** - Press and hold the DOWN ▼ arrow key and the Temp 🌡 or Asterisk ✳ key for about eight seconds to enter **Manager's mode** while the unit is on. In Manager's mode, The first field displayed will be the Parameter# 1, DEFAULT COOK TEMP. Scroll to the probe offset mode, parameter #3, using the UP arrow key ▲ or DOWN arrow key ▼.
    - Hand held field temperature meter that shows a <u>Higher Temperature</u> than the griddle displayed **temperature.** Press the Preset key [PRESET TEMP 2] to increase the offset number by the number of degrees off. The griddle display will indicate the offset as a positive number.
    - Hand held field temperature meter that shows a <u>Lower Temperature</u> than the griddle displayed **temperature.** Press the Temp 🌡 or Asterisk ✳ key to decrease the offset number by the number of degrees off. The griddle display will indicate the offset as a negative number.
    - When all changes are completed Exit the programming mode and save the new parameters by pressing the Preset 1 key [PRESET TEMP 1]. The appliance will turn off and save the new parameters. The appliance will need to be turned on to continue in opeartional mode.

Manager's Mode

P#	LED1	LED2	LED3	PARAMETER	MIN	MAX	DEFAULT	DISPLAY
0	B	B	B	UNIT OF MEASURE	0=F	1=C	0	0/00
1	B	B	B	DEFAULT COOK TEMP	MIN TEMP	MAX TEMP	350 175	350F 175C
2	B	B	B	READY MODE DISPLAY	0 (OFF)	1 (ON)	0	2/00
3	B	B	B	PROBE OFFSET	-10	+10	0	3/00

7. **Set Default Temperature** - Enter **Manager's mode** programming mode, Press and hold the DOWN ▼ arrow key and the Temp 🌡 or Asterisk ✳ key for about eight seconds while the unit is on. In Manager's mode, the first field displayed, on the four-digit display, will be the Parameter# 1, **DEFAULT COOK TEMP**.
    - Press the Preset 2 key [PRESET TEMP 2] to increase the default temperature.
    - Press the Temp 🌡 or Asterisk ✳ key to decrease the default temperature.

When all changes are completed Exit the programming mode and save the new parameters by pressing the Preset 1 key [PRESET TEMP 1]. The appliance will turn off and save the new parameters. The appliance will need to be turned on to continue in opeartional mode.

8. Programming Mode

1. To enter **Manager's mode** programming mode, press and hold the DOWN [▼] arrow key and the Temp [🌡] or Asterisk [✳] key for about eight seconds while the unit is on. In Manager's mode, the first field displayed, on the four- digit display, will be the P# = 1, **DEFAULT COOK TEMP**

2. To manage the parameters, use the UP arrow key [▲] or DOWN arrow key [▼] to decrement the Parameter Number. Press and hold the DOWN arrow key [▼] and the Temp [🌡] or Asterisk [✳] key to decrement the Parameter Value.

3. Make required adjustment as desired to the Parameters.

4. When all changes are completed Exit the programming mode and save the new parameters by Preset 1 key [PRESET TEMP 1]. The appliance will turn off and save the new parameters. The appliance will need to be turned on to continue in opeartional mode.

TABLE 10.21 - Managers Mode
The following chart illustrates the programming logic and program level indication:

P#	LED1	LED2	LED3	PARAMETER	MIN	MAX	DEFAULT	DISPLAY
0	B	B	B	UNIT OF MEASURE	0=F	1=C	0	0/00
1	B	B	B	DEFAULT COOK TEMP	MIN TEMP	MAX TEMP	350 °F 175°C	350 175
2	B	B	B	READY MODE DISPLAY	0 (OFF)	1 (ON)	0	2/00
3	B	B	B	PROBE OFFSET	-10	+10	0	3/00

TABLE 10.22
The following chart illustrates details for Parameter 2 Ready Mode Display

P#3 Value	Default Display	Display when there is a S1, S2 or S3 momentary key press	Display wher there is a S6 key press
0	rdY	SET POINT	SET POINT
1	SET POINT	SET POINT	ACTUAL
2	rdY	rdY	rdY
3	SET POINT	SET POINT	SET POINT

9. **Reset to factory default setting** – Pressing and holding the DOWN arrow key [▼] and the ON/OFF key [⏻] for five seconds will reset the software back to the factory default settings.

10. Other Features

- Temperature changes will be in 1 degree increments. If the UP arrow key [▲] or DOWN arrow key [▼] are held for approximately (but less than) 1 second, the adjustment will change at a 1Hz rate for approximately 5 seconds. After 5 seconds, if the key is still held, the adjustment will be rounded to 5's and adjusted in 5 degree increments at a 1Hz rate. Values will roll over in both directions and will be validated in accordance with minimum and maximum values.
- If a preset key was used to change the operating temperature, the preset temperature will not be stored in the Default Cook Temp memory. If the on the fly Default Cook Temp was changed and the unit is turned off before the griddle has regulated to the new temperature, the last Set Temperature will be stored in the Default Cook Temp parameter.

11. Error Codes

The control will display error codes for the following conditions:

E001 - Displays when controller detects an Open Sensor

E002 - Displays when controller detects a Shorted Sensor

9999 - No calibration data stored or invalid calibration data detected

To reset from any error, unit must be turned OFF using On/Off key [⏻] and held for 5 seconds, repaired, and then turned ON by pressing the On/Off key [⏻] .