

# AccuTemp Products, Inc. Technical Services

## Calibrate Thermostat/Ultimate Over Temperature Check

**Note:**

Temperature surface mount probe must be calibrated to perform this check.

**Tools Required:**

- 1 – Small, Flat Blade Screw Driver
- 1 – Temperature Surface Mount Probe

1. With griddle plugged in, set thermostat dial to **200°F** and turn **ON**.

**Note**

Put a teaspoon of cooking oil in the center of the first 1/3 of the griddle cooking surface. Temperatures shall be taken between the griddle weld stud dimples.

**Warning:**

Do Not Use Infrared Instruments to measure temperatures. Infrared instruments are inaccurate on stainless steel surfaces and may cause harm to person(s) using the instrument.

2. Place surface probe in the center in the first 1/3 of cooking surface; between the weld stud dimples.
3. Allow griddle to heat to initial setting.
4. Increase thermostat setting to **300°F**.
5. If temperature reaches **310°F** or higher on probe, turn griddle **OFF** and remove power. Open front control panel and adjust thermostat calibration potentiometer to bring temperature to  $\pm 3^\circ$  of thermostat setting, **300°F**.

| Thermostat Adjustment Chart |                               |
|-----------------------------|-------------------------------|
| Clockwise Rotation          | Raises Temperature Set Point. |
| Counterclockwise Rotation   | Lowers Temperature Set Point. |

6. Increase thermostat setting to **400°F**.
7. Allow griddle to heat to temperature and cycle for **five (5)** minutes.
8. If maximum temperature is between **393°F** and **396°F**, go to step **12**.
9. If maximum temperature is not between **393°F** and **396°F**, turn griddle **OFF**, remove power, open front panel and adjust calibration potentiometer.
10. Close control panel, connect power and turn griddle **ON**. Allow griddle to cycle for **15** minutes.
11. After cycle time is complete, verify temperature is within range. If not, repeat **steps 9 and 10** as necessary.
12. Once temperature range is achieved, turn griddle **OFF**, remove power, open control panel and place a small amount of silicone to adjustment potentiometer.
13. Close griddle front panel.

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