# S SERIES
## ★YODER SMOKERS★

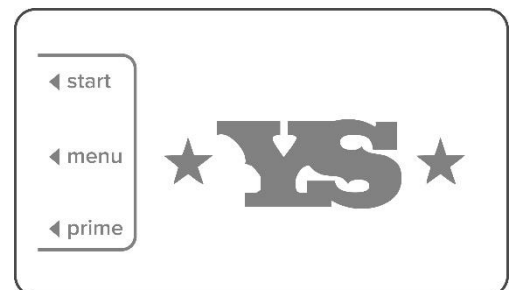# INPUTTING AN OFFSET INTO THE ACS CONTROLLER

The following steps will instruct you on inputting an offset into the controller on your ACS controller with Wi-Fi. We recommend inputting an offset into the controller **ONLY** after completing the factory temp test. Here is the link to the test for convenience if you have not yet completed the test. Yoder Pellet Temperature Test S Series.pdf (yodersmokers.com)

To calculate the offset after performing the test, input half of the average difference between the probes and the controller display. What we are looking to achieve with the offset it to tell the controller that the actual lower grate temperature is off from the main display temperature. This means that we are making an adjustment to bring the display temperature closer to the actual temperature. **Example***: If you find that the average difference is that the probes are 20 degrees hotter than the display, you will enter a +10 degree offset. If the probes are reading 30 degrees cooler, then input a -15 degree offset.*
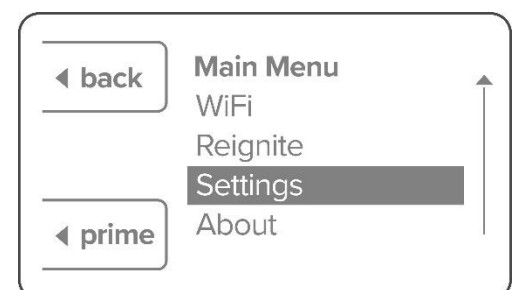
If you would like assistance with determining the offset for your grill, please share the test session with Customer Service by emailing customerservice@yodersmokers.com with details of when the test was completed.

1.  Power on the controller and wait for the main menu to show.

2.  Press the button next to menu on the controller.



3.  Rotate the selector knob clockwise to highlight the Settings option then press the selector knob.

4. Rotate the selector knob clockwise to highlight advanced then press the knob to continue.

| ◀ back | **Settings** |
| Degrees: Fahrenheit |
| **Advanced** |

5. Press the selector knob when Calibration is highlighted.

| ◀ back | **Advanced** |
| **Calibration** |
| Test |
| Factory Reset |

6. You will see the Pit Offset temperature is highlighted.  To make the changes, press the selector knob.

| ◀ back | **Calibration** |
| Pit Offset: | +0°F |
| Pit: | 728°F |

7. You will no longer see the temperature highlighted.  Rotate the selector knob clockwise to increase the offset and counterclockwise to decrease the offset.  Press the selector knob once you have the desired temperature offset to confirm the changes.

| ◀ back | **Calibration** |
| Pit Offset: | +10°F |
| Pit: | 738°F |

8. The offset temperature will be highlighted to indicate that it is entered.  You may now press the back button multiple times to return to the main screen.

| ◀ back | **Calibration** |
| Pit Offset: | +10°F |
| Pit: | 739°F |

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