

MKG Solid State Control Calibration

MKG-ST Quick Reference Card



The following procedure describes the steps to calibrate the Solid State Temperature Control for MKG-ST Griddle Models.

Note 1: This procedure should be performed after the unit has been allowed to stabilize at the Set Point Temperature.

1

Tool List

5/16" Nut Diver or Socket
Weighted Griddle Probe
Digital Thermometer
Small Flat Blade Screwdriver

Recommended Tools

2



Turn the unit on, set the Control Knob to the desired set point.

3



Place a weighted griddle temperature probe on the cooking surface 9-12" from the front edge of the griddle plate.

4



Align the griddle probe with the power switch for the cooking zone being calibrated.
See Note 6 on p. 3

5



While the Unit stabilizes at Temperature for 30-60 minutes, remove the control knob caps

6



After the temperature stabilizes, Monitor the temperature when the heat comes on (3-4 times).

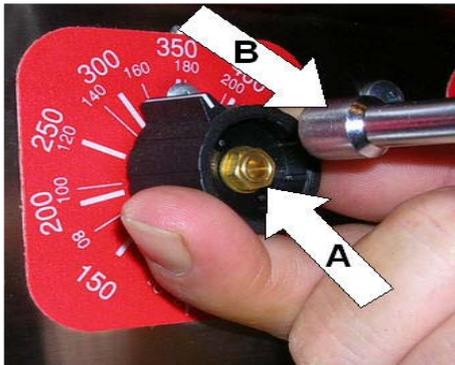
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Note 2: The knob caps can be easily removed with a fingernail, or a small flat blade screwdriver. Take care not to damage the cap, any damage may cause them to lose the ability to snap onto the control

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When you know when the heat comes on consistently you can make your adjustment.

8

To reset the Knob, grab the knob firmly with one hand, using a 5/16" nutdriver or socket (B), loosen the ferrule nut (A) on the control shaft. Make sure to limit the movement of the knob. This will allow the knob to move freely, See Step 7.

Note 3: If the knob sticks on the shaft, pull the knob to loosen it off the shaft.

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Once the knob is loose, rotate the knob so the indicator line is pointing at the temperature where the heat was coming on. Example- If the heat was coming on at 380°F, rotate the knob so the pointer is set to 380°F.

Note 4: All temperatures may not be on the label, approximate as needed.

10

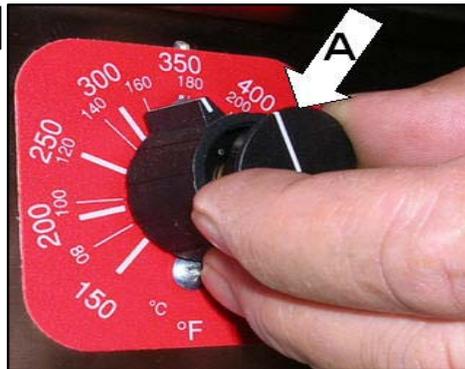
Once the knob is in place, snug the ferrule nut while holding the knob firmly. Then reset the knob indicator line to the desired set point. Monitor when the heat comes on for 3-4 times, repeat steps 8 & 9 as needed until temperature is at the desired set point.

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When the calibration of the control is satisfactory, tighten the ferrule nut completely

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Replace the knob cap so that the indicator lines are aligned with each other.

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Note 5: A good hint to maintain good temperature uniformity on your appliance is to use proper cooking rotation from front to back and side to side. Any unused cooking surface within a zone may overheat.

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Repeat for all cooking zones as needed.

14

Note 6: Each individual cooking zone can only be calibrated in one location. The control sensor is aligned with each zones power switch, approximately 9"-12" from the front edge of the griddle plate. Some units may have an arrow located on the top rail that is aligned with the temperature sensor in that cooking zone.

In the event of problems with or questions about your equipment, please contact the MagiKitch'n Authorized Service and Parts representative (ASAP) covering your area, or contact MagiKitch'n at the numbers listed below.

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