Mushroom Controller Manual
(MAXWELL FT100 controller)

WHEN OPERATING ON 220V POWER, THE CONTROLLER REQURES 4-WIRE SERVICE
OPERATING ON 3-WIRE SERVICE WILL CAUSE DAMAGE NOT COVERED BY YOUR WARRANTY
THE MUSHROOM SUBSTRATE STEAMER IS PRESET AND RECOMMENDED TO BE RUN AT 200°F. IF YOUR LOCATION ALLOWS FOR THE TEMPERATURE SETTING TO BE RAISED, WE RECOMMEND DOING SO IN 1°-2° INCREMENTS UNTIL YOU REACH YOUR MAXIMUM SET TEMPERATURE
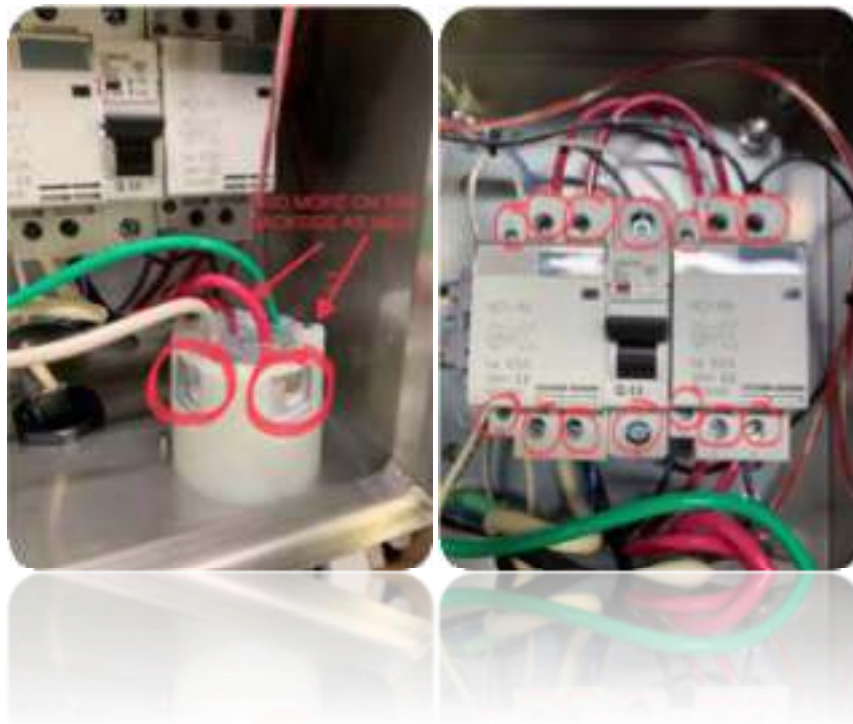**IF YOUR UNIT DOES NOT CYCLE OR CONTINUALLY PRODUCES LARGE AMOUNTS OF STEAM THE TEMPERATURE IS SET TOO HIGH**
**WE RECOMMEND STAYING AT LEAST 7° BELOW YOUR LOCAL BOILING POINT. HOWEVER, PLEASE REMEMEBER THAT THE

WEATHER CAN AFFECT YOUR BOILING POINT. SETTING YOUR TEMPERATURE TOO CLOSE TO YOUR BOILING POINT MAY RESULT IN FAILURE IF ATMOSPHERIC CONDITIONS ARE WORKING AGAINST YOU.**
BEFORE DOING ANYTHING, FILL KETTLE WITH WATER ABOVE THE ELEMENT
ENERGIZING ELEMENT OUTSIDE OF WATER WILL CAUSE IMMEDIATE FAILURE

BEFORE RUNNING THE CONTROLLER, ITEMS MAY HAVE SHIFTED DURING TRANSIT. MAKE SURE WIRES AT CALLED OUT TERMINALS ARE SECURE

This controller is pre-set at 200°F. This temperature is for elevations up to 6,000 ft. The timer is also pre-set to 18hrs or 1080 mins.

Step 1: **The controller is set pre-set to 200°F.**

To adjust the temperature above the preset temperature of **200°F** tap the **< key** then tap the **UP** arrow to adjust the digits (**see pictures below).**

Step 2: **The controller is pre-set with a run time of 18hrs or 1080 mins.**

To adjust the run timer from the preset time of **18hrs**, press the **SET** button until you see **t1**. This is will display **1080** underneath the **t1**. To adjust higher or lower press the **UP** or **DOWN** arrows to the number of minutes you prefer.

Step 3:

If you are unable to adjust the **t1** setting then press the **SET** button until you get back to the main temperature setting screen. Once you get here press and hold the **SET** button for at least 3 seconds until you see **P1**. Press the **SET** button repeatedly until you see **LCk** make

sure this setting reads **101**. If for some reason it does not, use the **UP** and **DOWN** arrows as well as the **LEFT** arrow to adjust this.

Step 4:

    Now you are ready to start your sterilization process. Turn the element switch back on. When the kettle reaches the desired temperature, the timer will start. **PROG** on the controller will start flashing. To check the amount of time left in the sterilization process you will tap the **SET** button 3 times and see **tE** displayed on the screen. This will let you know the amount of time that has elapsed.

Step 5:

    When the sterilization process is complete, **END** will appear in **GREEN** on the screen. To reset the timer, hold the **UP** arrow for about **5 seconds**. End will disappear and the timer will restart counting once the set temperature is reached.

The sterilization process is now complete!