

## INSTRUCTIONS

### HOW TO START:

1. Set the temperature with "Temp." knob or leave it as is to continue at previous setting. To reset, first turn the knob to "LOW".
2. Turn the "TIME" knob to "OFF" then rotate it until the display reads the desired time.
3. After several seconds the preset time will be locked-in automatically and the controller will start.

### TEMPERATURE ADJUSTMENT DURING OPERATION:

User may readjust the temperature by rotating the "TEMP" knob while the controller is operating.

To make the display show the preset value, first turn the knob to "LOW".

### CONTROL OPERATION:

1. The controller switches the load ON and OFF as required to maintain the preset temperature value as compared to the sensor reading while the Count Down Timer is running.
2. Every several seconds the display will show the preset temperature value and then return to the current temperature reading.
3. The timer readjustment during operation is not possible. It may only be done by first terminating the count-down (rotate "TIME" knob to "OFF") and then restarting the controller.

### MANUAL STOP:

Turn the "TIME" knob to "OFF" or activate the optional REMOTE STOP switch for a few seconds.

The count-down timer will stop automatically and reset itself to "0". The load will be switched OFF.

### AUTOMATIC STOP:

The controller stops automatically when the preset time expires or a malfunction is detected.

### IDLE/MONITORING OPERATION:

The display shows "OFF" to indicate that the controlled load is switched OFF.

After the TIMER expired or when the "TIME" knob is at "OFF" and after several seconds of "no-action", the controller enters the "IDLE" state. To monitor the current temperature reading on the display, leave the "TEMP" knob at a setting higher than "LOW".

### CELSIUS/FAHRENHEIT SELECTION:

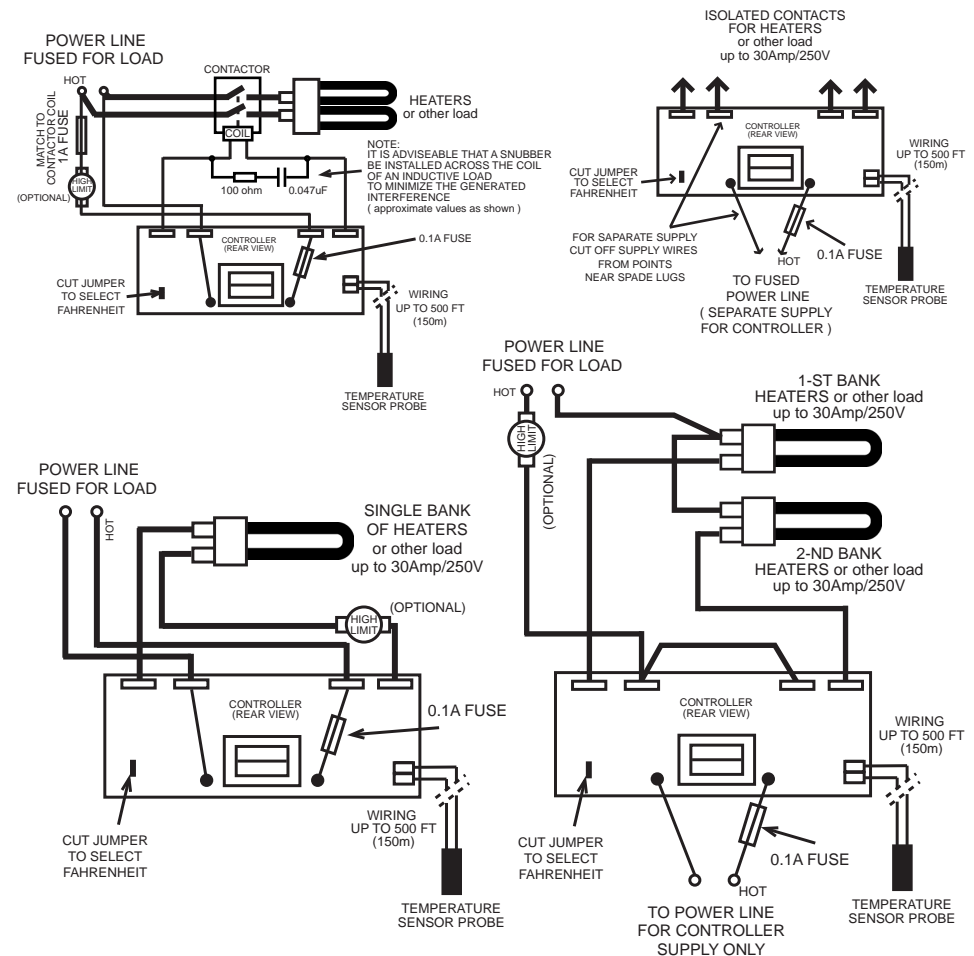
The controller is normally preset for Celsius degrees. To set Fahrenheit degrees, cut the "C/F" jumper on the back of the controller as shown in the drawing.

**CAUTION:** All installation and adjustments of the controller options **MUST** be done **ONLY** when **ALL POWER** to the load and the controller is disconnected.

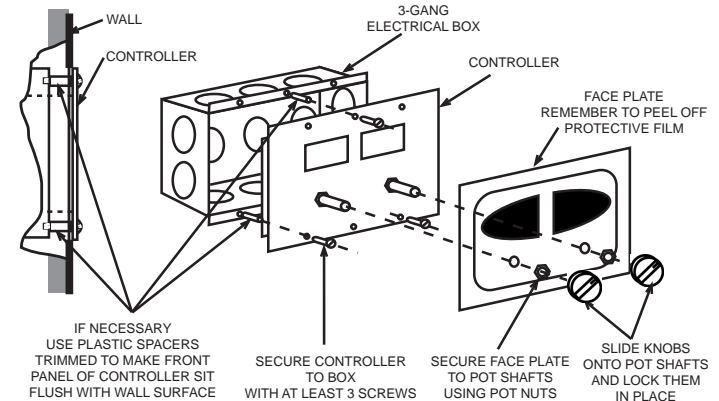
### TROUBLESHOOTING:

The sensor wiring and controls are continually checked for proper operation. If a malfunction is detected the controller will automatically switch OFF the load and deactivate itself. At the same time the display will show "Err".

The controller cannot be reactivated until all causes of the malfunction are fixed.



## WIRING EXAMPLES



Size:  
 Dimensions: Fits in 3-gang masonry box.  
 5-3/8"x2,75"x2" (136mm x 70mm x 51mm) (WxHxD)  
 Face Plate: Stainless Steel 6-3/8" x 4.5" (162mm x 114mm)  
 with plastic decal (may be customized)