

# DETROIT RADIANT PRODUCTS CO.

## White Rodgers TH-1F81-51 Thermostat



### Range

45°F to 80°F

### Differential

3°F

### Contact Action

Opens on rise

### Electrical Rating

20-30 VAC 50/60HRZ  
or DC  
2.5 AMP max total load  
(all terminals combined)

### Dimensions

Height: 4.5"  
Width: 6.5"  
Depth: 1.25"

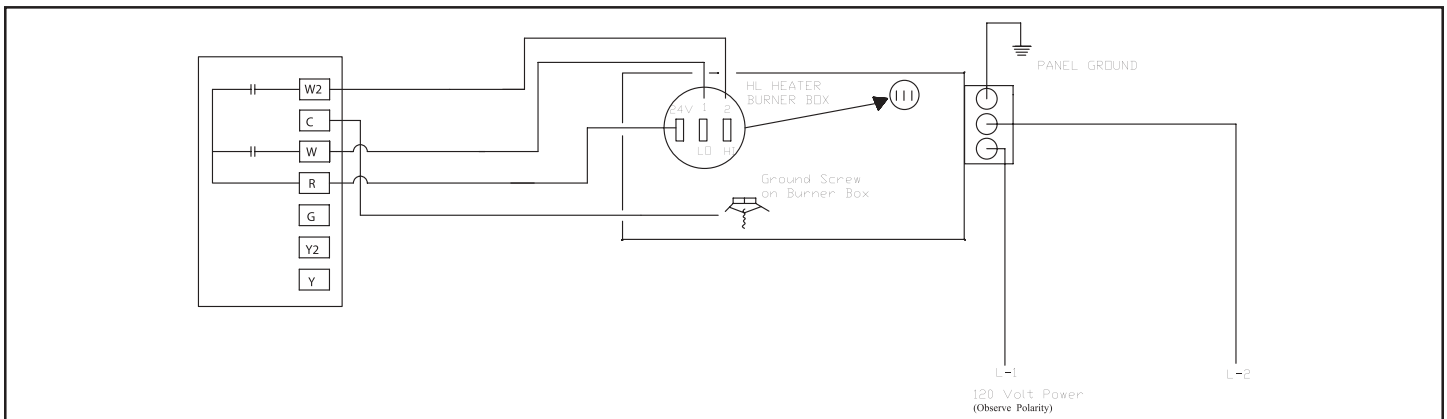
### Operation

Two-stage  
Low voltage

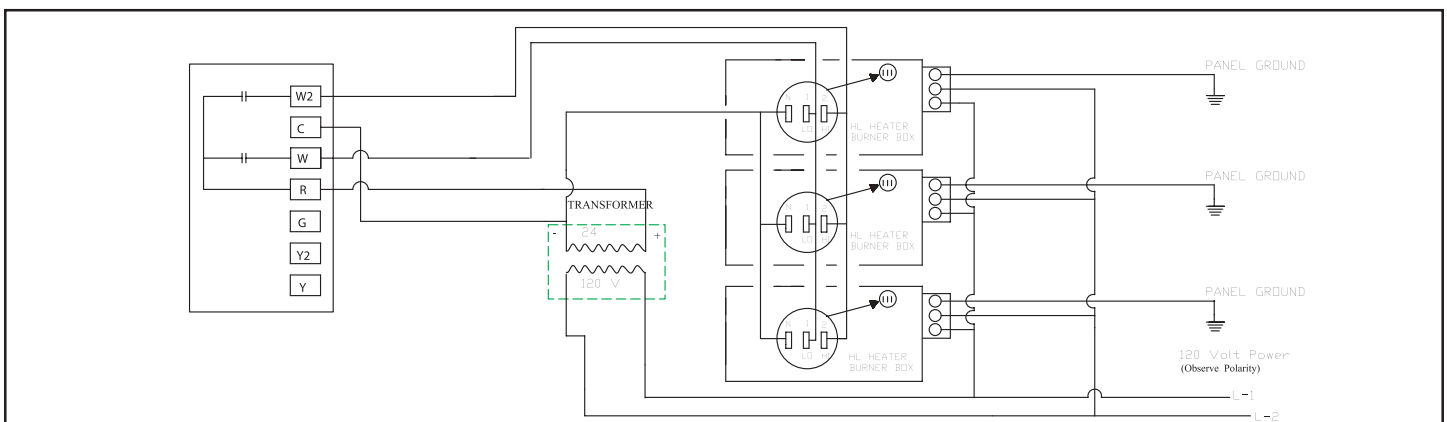
### Additional Features

- Rugged plastic construction.
- Optional C 24V and/or battery powered (3 "AA" alkaline batteries).
- Seperate 5-day (weekday) and 2-day (weekend) programming.
- Four time/temperature periods per program.
- Temperature override until next program period.
- Manual program override (hold temperature).

### TYPICAL WIRING DIAGRAMS



Two-stage heaters with a 1F81-51 thermostat. Single heater, single thermostat. No HLRB (relay board) is installed.



Two-stage heaters with a 1F81-51 thermostat. Multiple heaters, single thermostat. HLRB (relay boards) are installed.



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