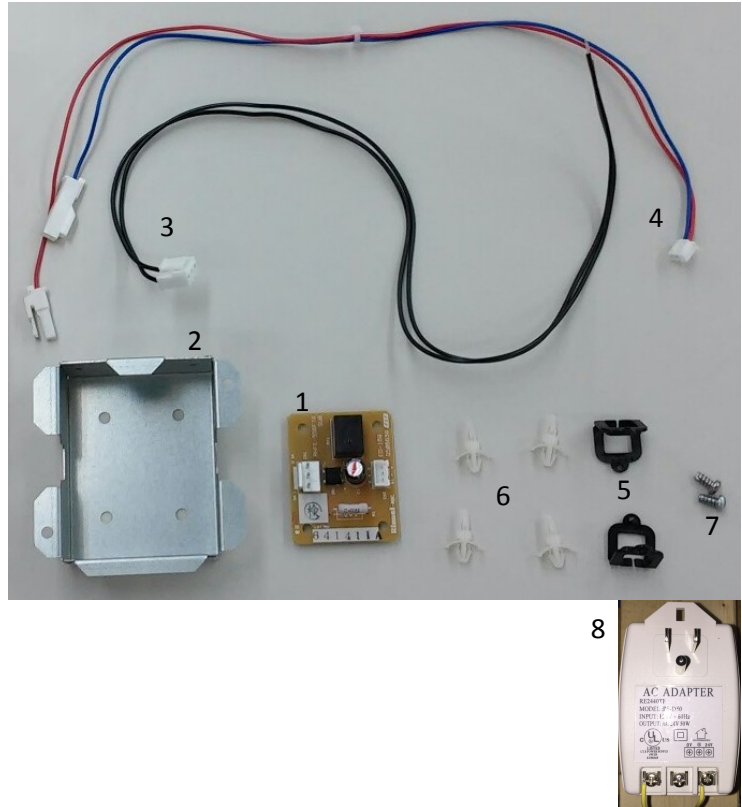


## Installation Instructions: Remote Thermostat for Direct Vent Furnaces

Kit Contents		
Ref	Part Name	Qty
1	Sub PCB	1
2	Sub PCB Cover/Bracket	1
3	Power Harness	1
4	Central Timer Harness	1
5	Rubber Grommets	2
6	Circuit Board Spacer	4
7	Screws	2
8	Transformer	1



### Field Supplied Components

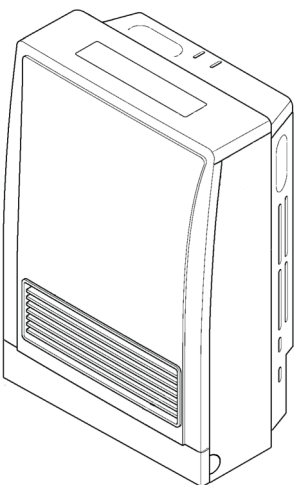
Wall Thermostat

Thermostat Wire

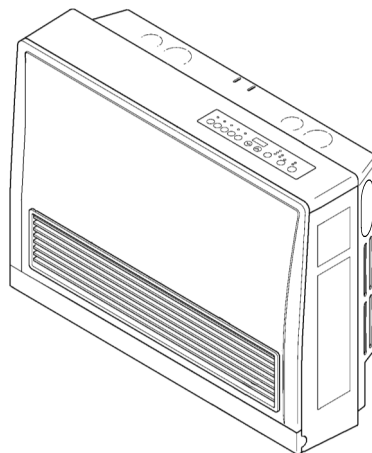
Wire Nuts

This kit and instructions contained herein are only for use with the following models of Rinnai Direct Vent Furnaces:

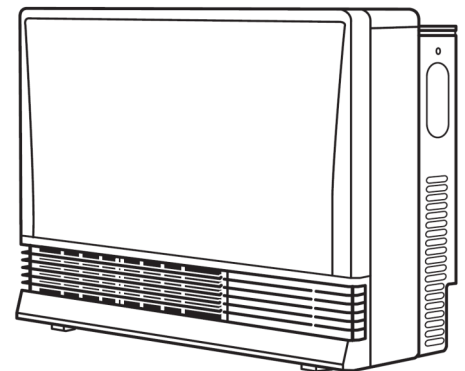
EX08CT and EX11CT



EX17CT and EX22CT



EX38CT

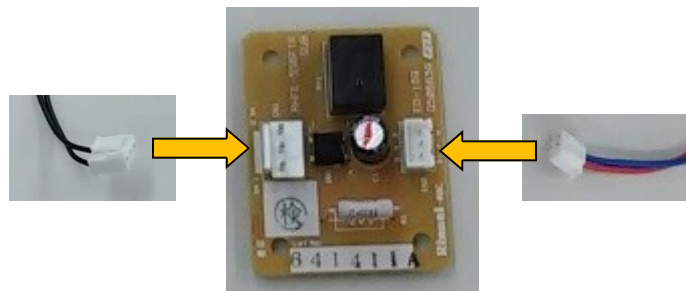


### WARNING

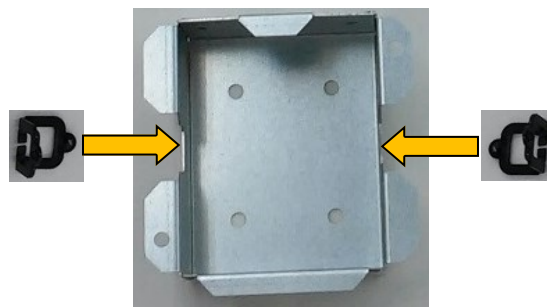
To protect yourself from harm, before performing maintenance, turn off the electrical power supply by unplugging the power cord or by turning off the electricity at the circuit breaker. (The control panel does not control the electrical power.)

# Installation Instructions

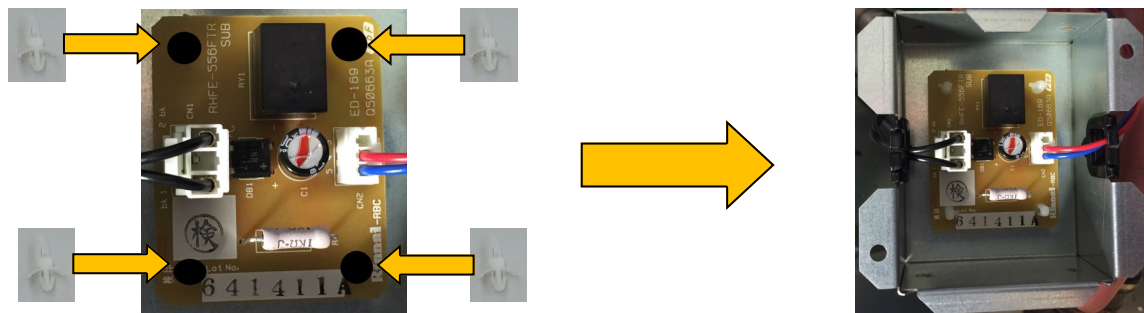
1. Disconnect power from the Direct Vent Furnace.
2. Attach the wire harnesses to the sub pcb.



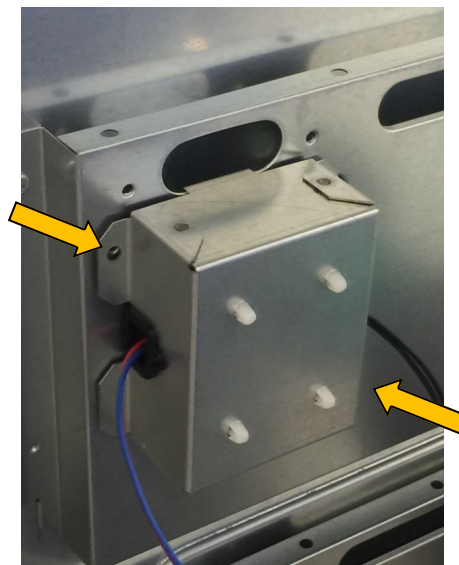
3. Install rubber grommets to sub PCB cover/bracket.



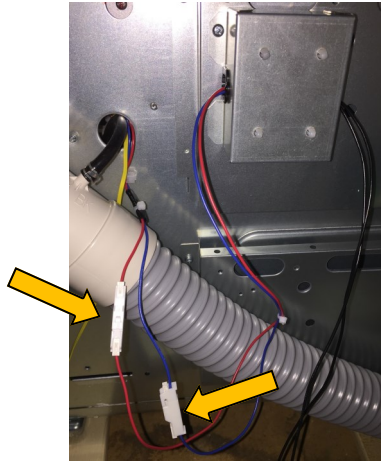
4. Attach the circuit board spacers to the sub PCB, then attach assembly to the sub PCB cover/bracket.



5. Secure sub PCB assembly to the direct vent furnace rear panel with the provided screws (2).



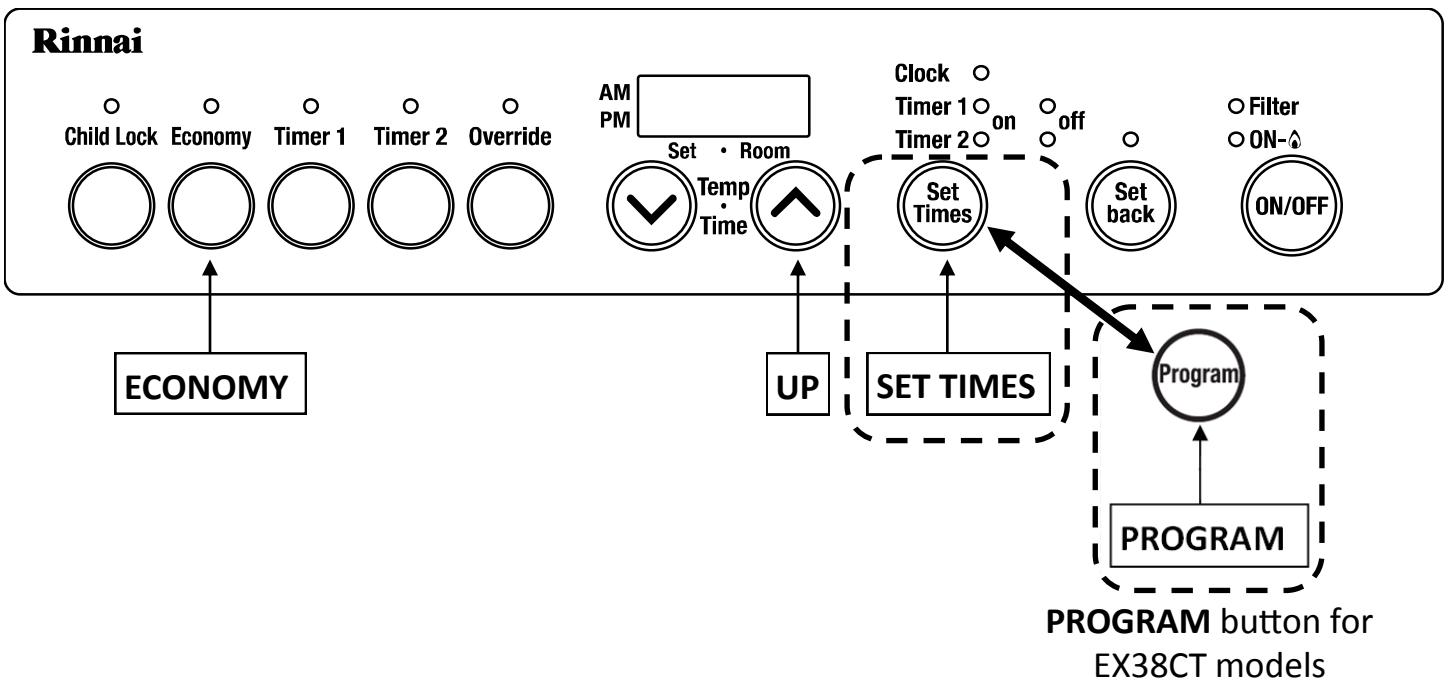
- Connect the red and blue pins of the sub PCB (Central Timer Harness) to the corresponding red and blue connecting pins of the direct vent furnace.



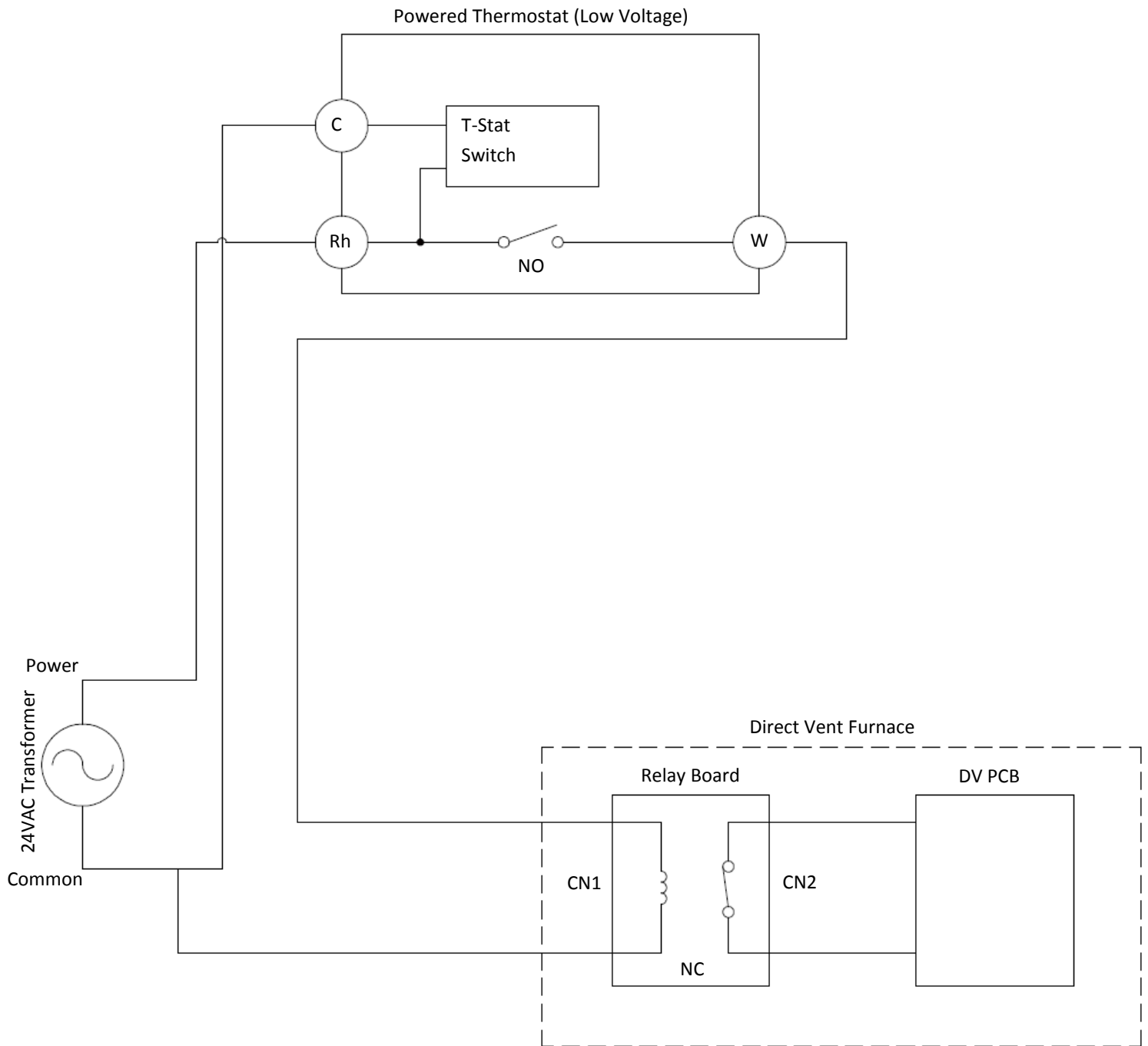
- Wire the sub PCB (Power Harness) to the transformer and the field supplied wall thermostat (see wiring diagrams on following page).



- Re-connect power supply.
- Adjust heater to Remote Thermostat mode by having the unit in **OFF** mode (still plugged in). Press and hold the **ECONOMY + UP + SET TIMES** buttons (**PROGRAM** button for EX38CT model) for 2.5 seconds. The display will show 00. Press the **UP** button; the display will read 01. Press the **ON/OFF** button, the display will go blank. The unit is now in Remote Thermostat mode. **Do not unplug the direct vent furnace within two hours of making the mode adjustments; if the direct vent furnace is unplugged within two hours, it will revert back to the default Control Panel mode.**



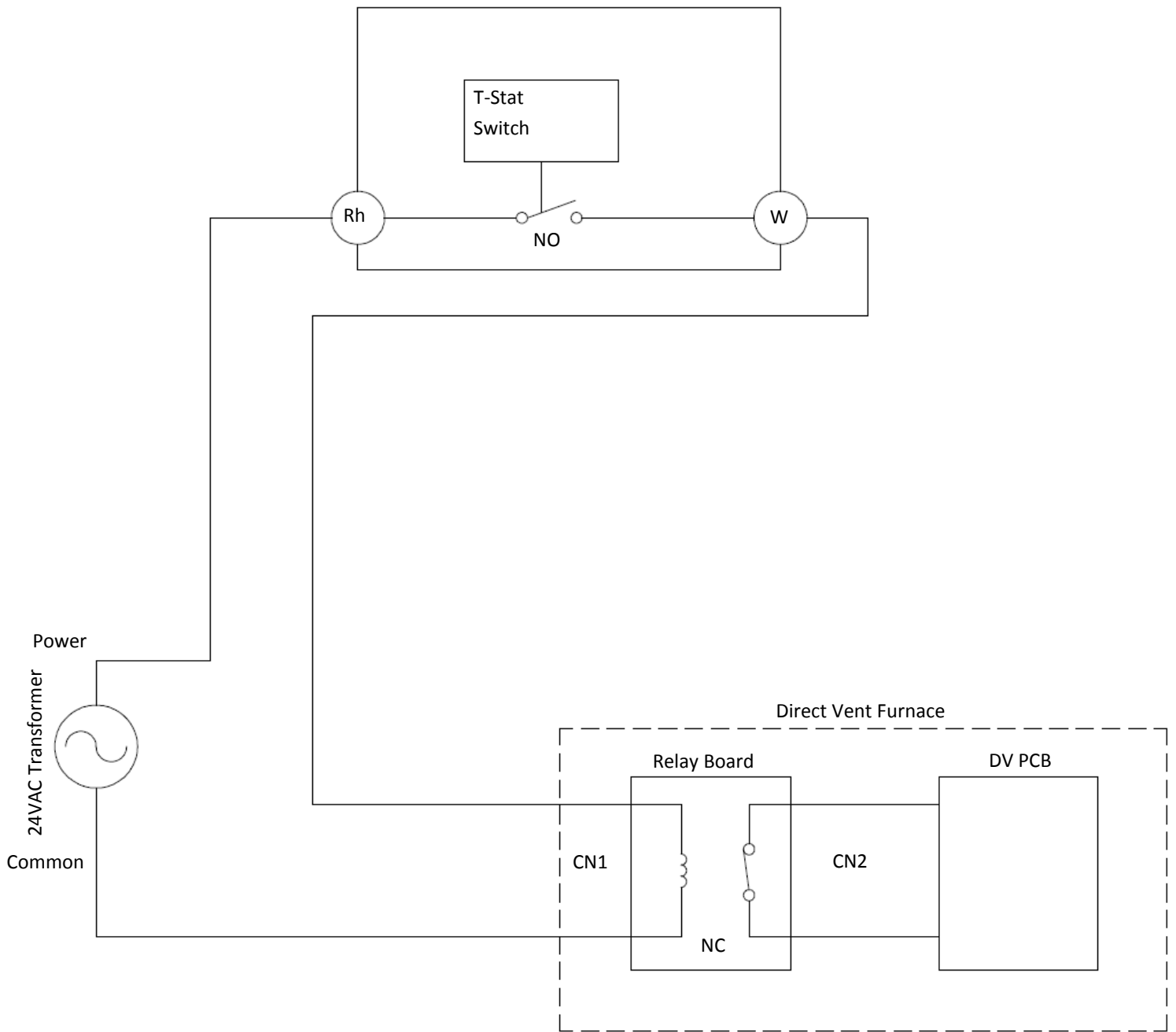
# 3-Wire Powered Thermostat



## WARNING

To protect yourself from harm, before performing maintenance, turn off the electrical power supply by unplugging the power cord or by turning off the electricity at the circuit breaker. (The control panel does not control the electrical power.)

# 2-Wire Battery Powered Thermostat



## WARNING

To protect yourself from harm, before performing maintenance, turn off the electrical power supply by unplugging the power cord or by turning off the electricity at the circuit breaker. (The control panel does not control the electrical power.)

