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# INSTRUCTIONS

## Wiring instructions to convert from CPI bar thermostat to 140 degree thermostat:

### Step:

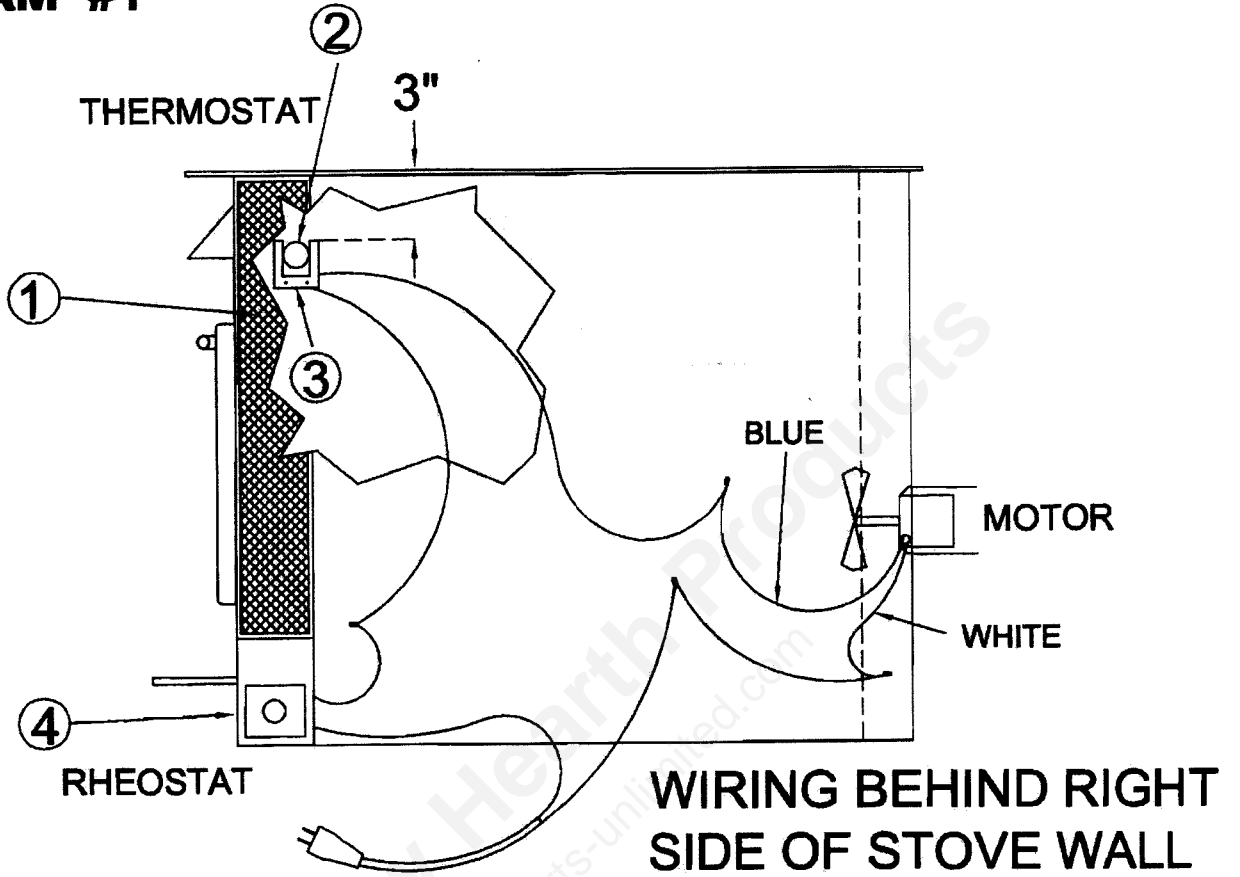
1. Unplug stove from outlet.
2. Note: If changing motor, it may be necessary to remove stove from fire place to have access to motor.
3. Remove right side air vent. (See Figure 1.)
4. Remove CPI bar thermostat and thermostat shield from stove. (See Figure 1.)
5. Remove wiring harness from stove.
6. Cut or tap off old black & red motor wires that are left in the stove. These will not be used.
7. Attach thermostat bracket (part# PO 112751) 3" below top of stove using two (2) 10-16 x 3/4" self tapping screws as shown in Diagram #1 (See Figure 3.)
8. Insert rheostat (part # PE BC204) and dial indicator label (part # PE KB9724) to switch plate, in place of 3 prong toggle switch. (See Figure 4)
9. Insert thermostat (part # PE 400130) behind thermostat bracket holder making sure the face of thermostat disc is firmly against the side of the stove. (See Figure 2.)
10. Take the jumper wires and wire nuts provided, and wire the power cord, rheostat, thermostat, and motor per Diagram #2 **Note:** New (Motor PE 71731439) has two Black wires.
11. **Note:** *Before plugging your unit back in; please make sure that the rheostat is turned completely off. Failure to do so may result in your rheostat shorting out. This rule also applies anytime your unit is disconnected from power (Maintenance, power outages, etc.).*

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## PARTS

1. Part No. PE BC204 - Rheostat with Panel, Nut & Knob
2. Part No. PE KB9724 - Fan Speed Control Label
3. Part No. PE 400130 - 140 degree Thermostat
4. Part No. P0 112751 - Thermostat Bracket Holder
5. Part No. PH 101634TEK - #10-16 x 3/4" TEK Screw
6. Part No. PE 72BNUT - Wire Nuts (2)
7. Part No. MA 2418GAFM - 24" Jumper Wire with Male/Female Terminal
8. Part No. MA 4218GAF - 42" Jumper Wire with Female Terminal
9. Part No. MA 4218GAM - 42" Jumper Wire with Male Terminal

# DIAGRAM #1



# DIAGRAM #2

