

ADJUSTMENT INSTRUCTIONS

COMPACT ALL-TEMP

OVEN HEAT CONTROL

FOR THE INSTALLER

IMPORTANT: THESE CONTROLS HAVE NO BY-PASS SETTING. THEY WILL CYCLE OFF AND ON AT ALL TEMPERATURE SETTINGS. NO BY-PASS ADJUSTMENT IS NECESSARY.

Because gas conditions vary in different localities, two basic adjustments for the COMPACT ALL-TEMP system should be made to insure proper operation when the range is installed. These two adjustments, which are for the PILOT UNIT, are the Constant Pilot and the Heater Pilot. The gas flow to the Constant Pilot is controlled by either the Constant Pilot Adjusting Screw on the 58 SERIES SAFETY CONTROL or the red-colored Constant Pilot Adjusting Screw on the thermostat. Check your particular range on this. (If in doubt, trace the $\frac{1}{8}$ " Constant Pilot tubing to the Constant Pilot Adjusting Screw.) The Heater Pilot gas is controlled by the green-colored Heater Pilot Adjusting Screw on the Compact thermostat.

CONSTANT PILOT

- A. Open Shut Off Valve on SAFETY CONTROL gas supply line.
- B. Using screwdriver, open Constant Pilot Adjusting Screw by turning counterclockwise. (If Constant Pilot Adjusting Screw is located on the thermostat, the Control Knob and Bezel will have to be removed to make this adjustment.) Light Constant Pilot with a match.

NOTE: The air must be bled from the system in order to light the Constant Pilot.

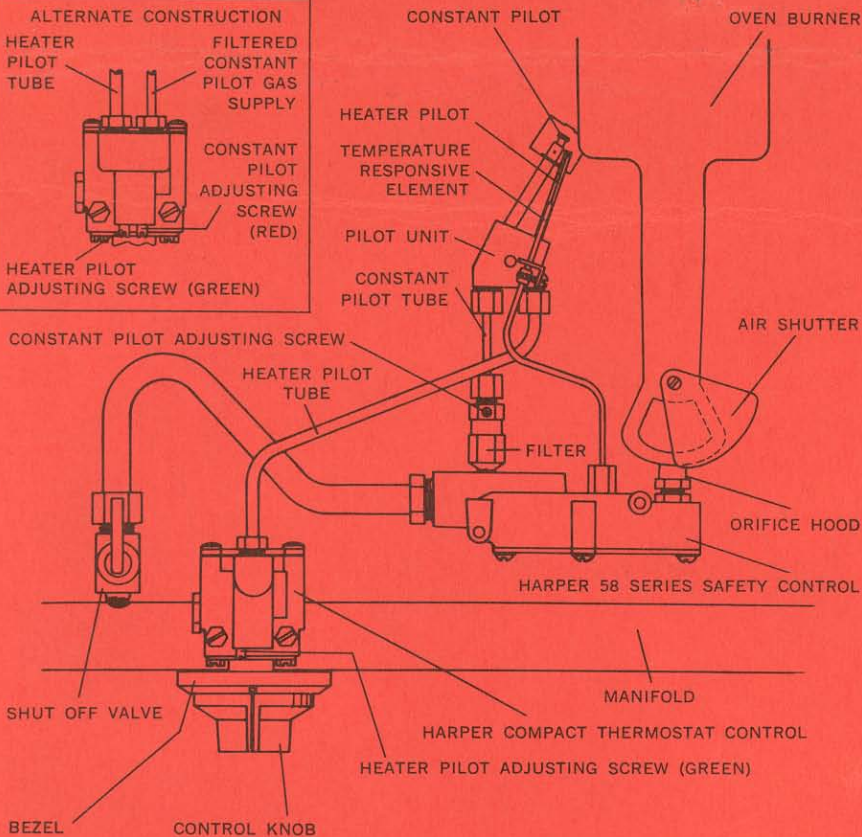
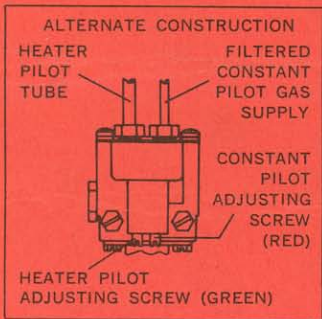
- C. Adjust Pilot Valve for maximum flame without yellow tipping.

HEATER PILOT

- A. Turn Control Knob to the 300°F. temperature setting on the Control Knob dial. This permits gas to flow through the Heater Pilot Tube to the Heater Pilot where gas is ignited by the Constant Pilot.
- B. Remove Control Knob and Bezel.
- C. Using screwdriver, rotate slotted Heater Pilot Adjusting Screw (Green) until pilot flame just envelopes Temperature Responsive Element. Turning counterclockwise increases the flame.
- D. Replace Bezel and Control Knob.

Make any air shutter adjustment for oven burner flames as recommended in range manufacturer's burner adjustment instructions.

(See diagram on reverse side)



HARPER-WYMAN COMPANY

930 North York Road

Hinsdale, Illinois 60521