

# Low Intensity Parts Instruction Sheet

## Gas Valve Assembly Replacement Instructions

**NOTE:** Replaced/converted parts are NOT returnable for credit.

### Models Affected

HL2, LD, RVA2 & AG2

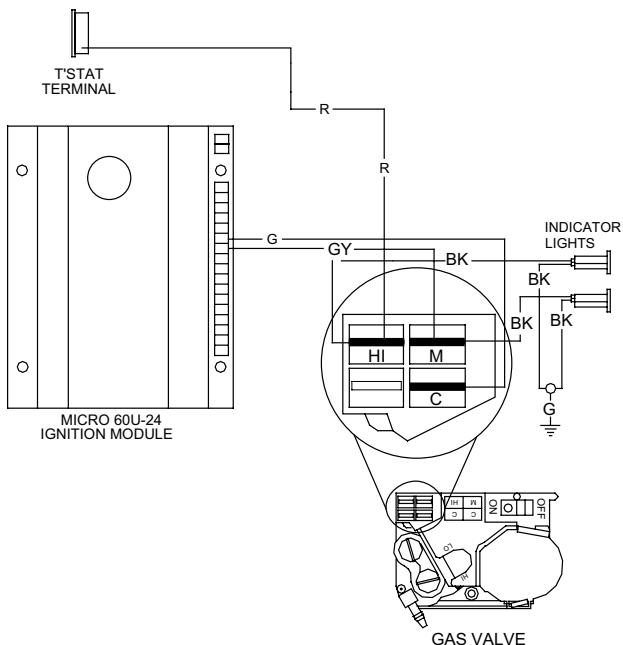
### Contents

- TP-840A (Nat) or 841A (Prop) Gas Valve

### Installation Instructions

- 1 Open (turn off) electrical circuit to heater and shut off gas supply to heater.
- 2 Remove the control box cover. Remove the faulty TP-840(N) or TP-841 (P) gas valve by disconnecting the wires that are attached and remove the screws that hold the valve bracket to the bottom of the box.
- 3 Install the new valve train assembly (TP-840A or TP-841A).
- 4 Using the removed screws secure the valve to the control box.
- 5 Wire the existing wires to the new valve according to the wiring diagrams found to the right and the instructions below:
  - Connect the joined red and black wires to the HI Terminal.
  - Take the loose black wire from the indicator light and the loose grey wire from the circuit board and connect them together. Connect to the M terminal on the valve.
  - Connect the green wire from the circuit board to the C Terminal.
- 6 Restore gas and electrical supply to the heater. Check to make sure all gas connections are tight and that there are no leaks.
- 7 Reinstall the control box cover.

**Figure 1 • Block Diagram**  
(Unnecessary wires omitted for clarity)



### WARNING



Only trained, qualified gas installation and service personnel may install or service this equipment.

Improper installation, adjustment, alteration, service or maintenance can cause property damage, serious injury or death.

Contact the factory with any questions.

**Figure 2 • Replacing Valve Train Assembly**

