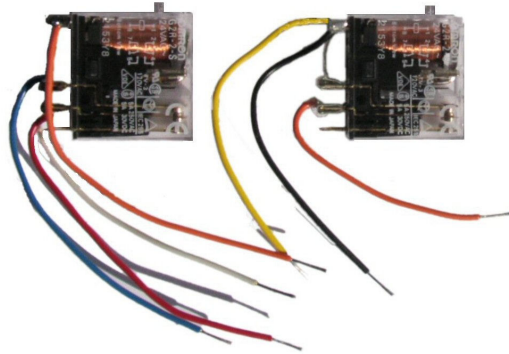


# **HMI HOYME MANUFACTURING INC.**

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## Replacement Relay Kit Installation Instructions for 2 Furnaces Type SF2 (FUSE TYPE) – (3121-1332-F24) Kit



PROBLEM: Damper remains open at all times.

- A. Check power supply to the damper (24Vac).
- B. Test for faulty MOTOR by jumping terminal #3 to #4. If damper does not close, a faulty motor is suspected. Contact the factory for details.
- C. If damper closes, faulty RELAYS are suspected. Proceed as follows:
  - 1) - Turn off main power supply to both furnaces.
  - 2) - Remove the control body cover and slip relays out to expose relay wires.
  - 3) - Wires from the damper are to be cut off close to the relays. Strip these wires ¼" on the end ready to connect to the wires on the new relays.
  - 4) - Using wire nuts supplied, join wires color to color. i.e. All blacks to blacks, etc. Leave relays exposed for preliminary test.
  - 5) - Turn on main power supply to both furnaces and the damper will close.
  - 6) - Check damper fuses on the side of the control box. Adjust each thermostat separately to ask for heat. Damper will open for each furnace and furnaces will operate normally.
  - 7) - Turn off the main power supply and slip the new relays into the control box taking care not to pinch the wires or to cause a short between the relay terminals and the control box. Refasten relays with the relay clamp. Replace cover.
  - 8) - Turn on power supply and re-test furnace/damper operation.