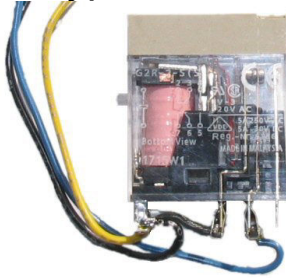


# **HMI HOYME MANUFACTURING INC.**

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## Replacement Relay Kit Installation Instructions Type SF1 for 1 Furnace – (3121-1332-SF1) Switch Type or Fuse Type



**PROBLEM:** Damper remains open at all times.

- A. Check Switch (if applicable) on the side of the control body to be in the “UP” position.
- B. Check power supply to the damper (24Vac).
- C. 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.
- D. If damper closes, a faulty RELAY is suspected. Proceed as follows:
  - 1) - Turn off main power supply to the furnace.
  - 2) - Remove the control body cover and slip relay out to expose relay wires.
  - 3) - Cut all wires as close to the relay as possible and strip ends leaving ¼ “ bare wires to reconnect to the new relay wires.
  - 4) - Using wire nuts supplied, connect wires color to color. i.e. Black to Black etc. Leave the relay exposed for preliminary test.
  - 5) - Turn on main power supply to the furnace and the damper will close.
  - 6) - Check fuse (if applicable) on the side of the control box. Test by adjusting thermostat to ask for heat. Damper will now open and the furnace will operate normally.
  - 7) - Turn off the main power supply. Slip the new relay 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 relay with relay clamp. Replace cover.
  - 8) - Turn on power supply and re-test furnace/damper operation.