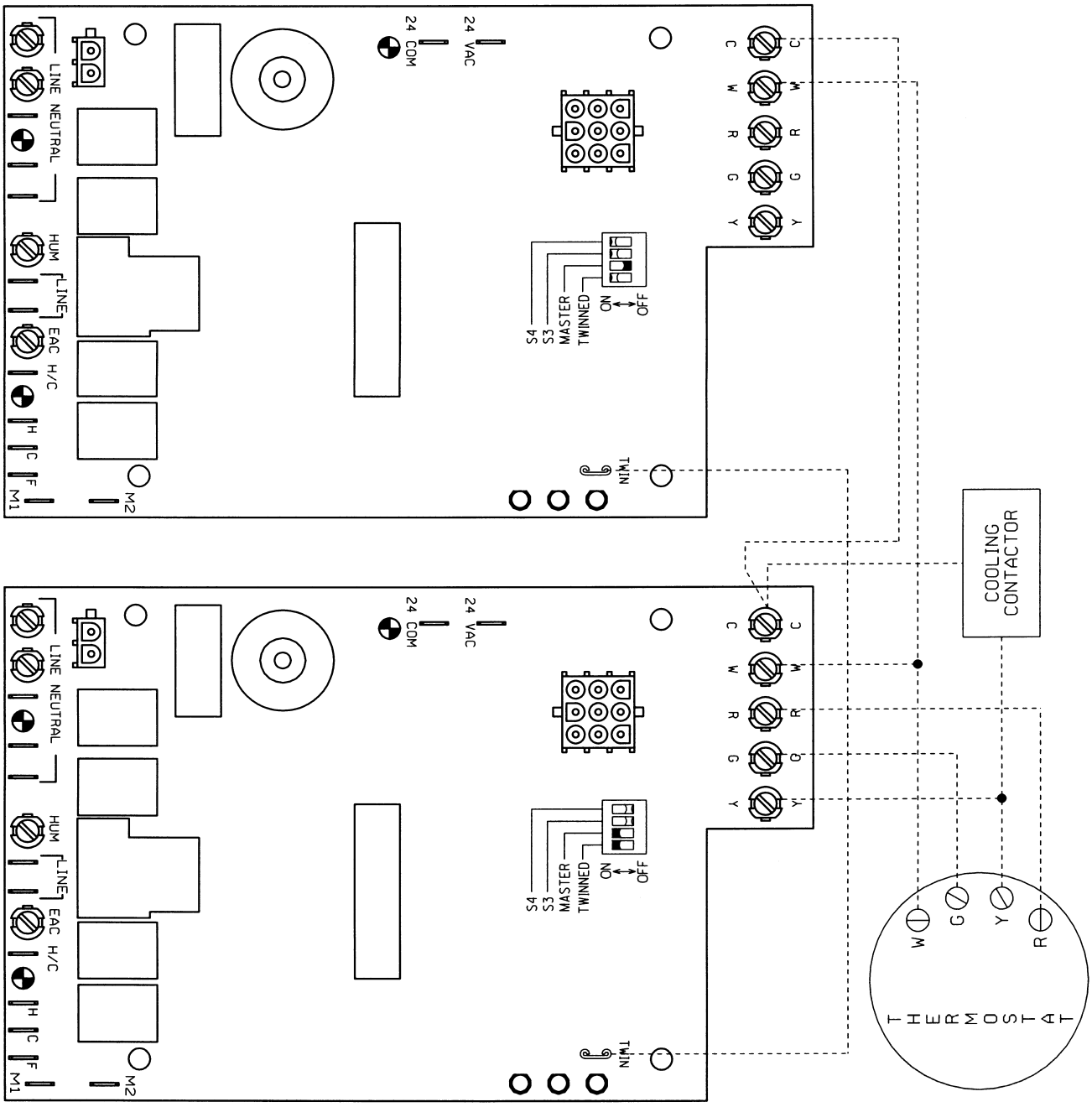
JOHNSON CONTROLS G961DAJ-2401 CONTROL BOARD
TWINNING CONNECTION SINGLE STAGE OPERATION



FURNACE TWINNING INSTALLATIONS

Twinning operation of two furnaces, installed side-by-side, connected by a common duct system with main power supplied by the same source, and controlled by a common thermostat can be done with the Honeywell S9201E2001, UTEC 1012-920 or 1028-927 and Johnson Controls G961DAJ-2401 integrated control boards.

IMPORTANT: TWINNING OF (-)GRJ- AND (-)GTJ- UNITS REQUIRES AN ACCESSORY TWINNING KIT. REFER TO THE SPECIFICATION SHEET FOR PROPER KIT. DO NOT ATTEMPT TO TWIN THESE MODELS BY USING THE INSTRUCTIONS BELOW.

It should be noted that both blowers will run simultaneously when there is a call for heating, cooling or fan.

The “OK” LED will flash if twinning is not set up properly.

Johnson Controls G961DAJ-2401

1. **Single Stage Operation**
   (See Figure 49)
   a. Control board “ONE” is on the furnace connected to the thermostat.
   b. The 24 VAC supply to both control boards must be in phase with each other.
   c. Connect the “C” “W” and “TWIN” terminals to counter-parts on each control.
   d. Both control boards must have switch #1 in the “ON” position.
   e. Control board “ONE” must have switch #2 in the “ON” position. The other control board must have switch #2 in the “OFF” position for single stage heat.
2. **Two Stage Operation**
   (See Figure 50)
   a. Follow above instructions except connect “W2” on the thermostat to “W” on control board “TWO.”
   b. Control board “TWO” **must be** the slave (not connected to the thermostat) in two-stage operation.