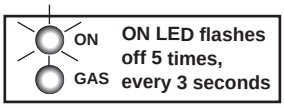
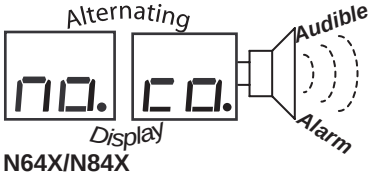
n/no co Fault Code – No cooling detected by the controls

Models and indicator displayed.

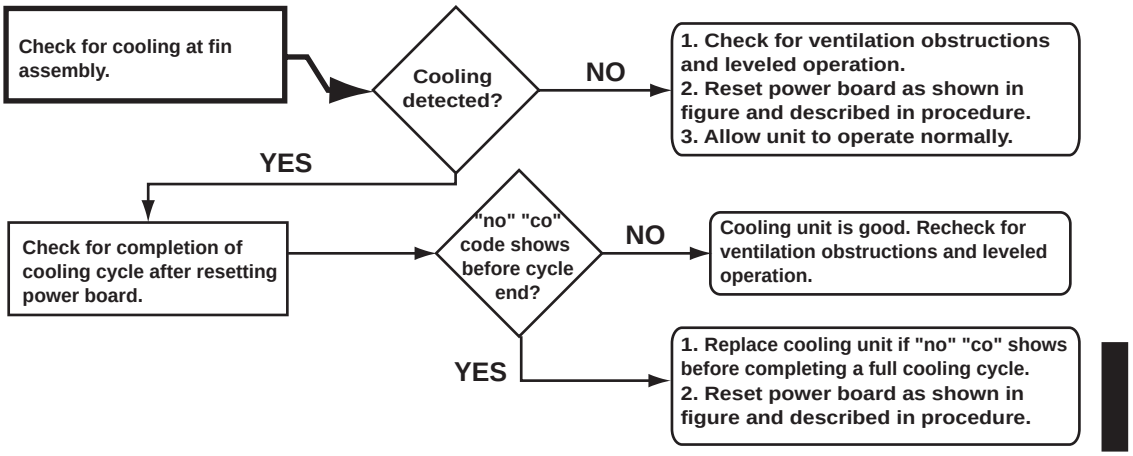


N61X/N81X

N62X/N82X



N64X/N84X



Power Board Reset Procedure 1

The power board can be reset by jumpering pins on the power board on earlier controls of these refrigerators:

Model	Serial No.	Manufacture Date
N61/N81	9056491 and lower	Before 3/23/2006
N621/N821	9126824 and lower	Before 4/11/2006
N623/N823	8970880 and lower	Before 3/1/2006
N64/N84	9044283 and lower	Before 3/22/2006
N64.3/N84.3	8938727 and lower	Before 2/21/2006

1. Turn OFF the refrigerator.
2. Disconnect the following from power board:
   a. 12 Vdc positive and negative wires.
   b. AC power cord.
   c. Solenoid gas valve wires
   d. Spark/sense electrode assembly wires.
3. Remove the power board cover.
4. Reconnect 12 Vdc positive and negative wire.
5. Turn ON the refrigerator.
6. Locate Pin 15 on 16-pin connector (P1). Pin 15 is the empty socket to the right of the white/violet wire on the top row. See Figure C.
7. Using an insulated jumper wire, short Pin 15 to the power board ground lug for 10-15 seconds. A clicking sound indicates the controls are reset. See Figure C.
8. Turn OFF the refrigerator.
9. Turn ON the refrigerator. If "n" or "no co" code displays, repeat steps 7-9.
10. Turn OFF the refrigerator.
11. Disconnect the 12 Vdc power positive and negative wires from the power board.
12. Install the power board cover.
13. Reconnect the following to the power board:
    a. Spark/sense electrode assembly wire.
    b. Solenoid gas valve wires
    c. AC power cord.
    d. 12 Vdc positive and negative wires from the power board.
14. Place refrigerator in service.

NOTE

A jumper wire to short Pin 15 to ground can be made from a six inch long insulated 22 AWG wire with a 1/2 inch of insulation stripped from each end.

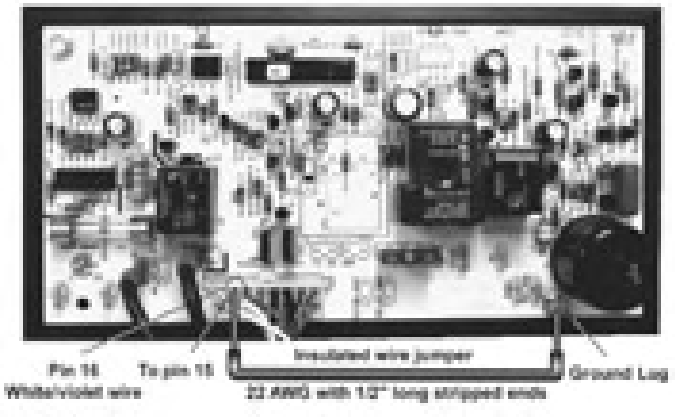


Figure C – Reset Procedure 1.

Power Board Reset Procedure 2

The power board can be reset through the optical display using Procedure 2 on these refrigerators:

Model	Serial No.	Manufacture Date
N61/N81	Not applicable	Not applicable
N621/N821	9126824 and higher	After 4/11/2006
N623/N823	8970880 and higher	After 3/1/2006
N64/N84	9044283 and higher	After 3/22/2006
N64.3/N84.3	8938727 and higher	After 2/21/2006

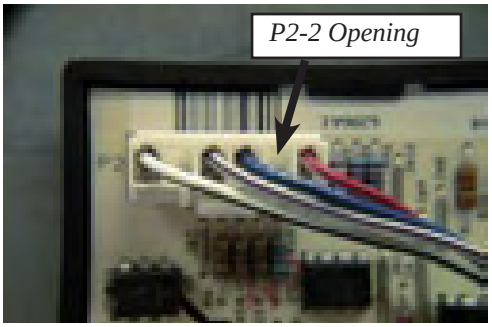


Figure D – Reset Procedure 3.

Entering the diagnostic mode of operation and then **clearing fault history screen 6** resets the no cool error. This procedure is found on page 66.

Power Board Reset Procedure 3

Procedure 3 pertains to these refrigerators:

Model	Serial No.	Manufacture Date
N61/N81	9056492 and higher	After 3/23/2006
N621/N821	9126825 and higher	After 4/11/2006
N623/N823	8970881 and higher	After 3/1/2006
N64/N84	9044284 and higher	After 3/22/2006
N64.3/N84.3	8938728 and higher	After 2/21/2006

1. Turn OFF the refrigerator.
2. Disconnect the following from power board:
   a. 12 Vdc positive and negative wires.
   b. AC power cord.
   c. Spark/sense electrode assembly wires.
3. Remove the power board cover.
4. Reconnect 12 Vdc positive and negative wire.
5. Turn ON the refrigerator. It should be operating in the Manual AC mode (AC power cord disconnected from the power board).
6. Insert one end of a piece of multi-stranded wire (10 gauge works well) whose insulation is stripped 1/2" on both ends, into the P2-2 opening and hold into place.
7. Place the other end of the multi-stranded wire to ground (metal back panel) and hold it in place for a minimum of 10 seconds.
8. Turn OFF the refrigerator.
9. Turn ON the refrigerator. If "n" or "no co" code displays, repeat steps 7-9.
10. Turn OFF the refrigerator.
11. Disconnect the 12 Vdc power positive and negative wires from the power board.
12. Install the power board cover.
13. Reconnect the following to the power board:
    a. Spark/sense electrode assembly wire.
    c. AC power cord.
    c. 12 Vdc positive and negative wires from the power board.
14. Place refrigerator in service.