Tools needed for digital control removal.

1. Screwdriver
2. Wire Cutters
3. Pliers

DANGER: Never attempt to repair or perform maintenance on the unit until the main electrical power to the unit has been disconnected!

1. Remove the screw in these locations.

2. Remove two screws holding control cradle to unit.

3. Remove clips holding control to control cradle, (easily done with screwdriver).

Caution: Do not attempt to re-use the wire harness connected to the control that is being replaced.

4. (Control cradle will slide freely from control)
5. Cut zip ties holding wire harness to top of refrigeration module (two of them).

   **Careful not to cut or damage wiring!**

6. (Second zip tie shown)

7. Disconnect evaporator fan wire leads from main wiring harness.

8. Disconnect mullion heater wire leads from main wiring harness.

9. Disconnect DC driver leads from main wiring harness.
10. Remove main wiring harness by disconnecting Molex connector (shown left) from molded receptacle (also shown left).

11. Remove green probe connector from control (shown left).

12. Remove assembly from unit (assembly shown below).

13. Remove shelving from unit, as well as pilaster on left wall (three screws).

14. Remove 7 screws holding evaporator fan panel to unit.
15. Tip evaporator fan assembly down and out of way.

16. Remove screw holding probe bracket to unit.

17. Remove screw holding probe “mass” to probe bracket.

18. Remove probe from probe bracket.

19. Remove perma-gum from top of “wire pass through” (inside of evaporator box).
20. Remove perma-gum from bottom of “wire pass through” (inside of machine compartment).

21. Pull probe through bottom of evaporator box.

   **Discard Dixell probe assembly.**

22. Feed Eliwell probe into bottom of evaporator box.

23. Probe shown after it has been fed through bottom of evap box.

24. Use pliers if needed to secure probe notch to sheet metal probe bracket. **Crimp gently to avoid damaging probe.**

   **Note:** Notch in probe body should fit into bracket slot to encapsulate the probe into the SS sleeve.

25. Attach bracket/probe assembly to bottom of evaporator box with screw.

26. Replace perma-gum.

27. Replace fan panel and install with 7 screws.

29. Connect replacement wire harness/control/bracket assembly.

30. Connect evaporator leads to main wire harness.

31. Connect mullion heater leads to main wire harness.

32. Connect DC driver leads to main wire harness.

33. Connect probe to Eliwell control.
34. Remove old zip tie hangers.

35. Insert new zip tie hangers into bottom of evaporator box.

36. Picture shows new zip tie hangers installed.

37. Install Eliwell control/bracket assembly to bottom of evaporator box using two screws.

38. Attach wire harness with zip tie hangers to bottom of evaporator box.
39. Re-install front cover using three screws.