



INSTALLATION INSTRUCTIONS

LIQUID-LEVEL CONTROL PC BOARD & LEVEL-CONTROL PROBE KIT (300458888) ON AURORA® COOLING UNITS

These instructions outline installation of the Liquid-Level Control Board and Probe Assembly Kit (P/N 300458888) on the Aurora® Cooling Units (model numbers 0740, 0832, 0833, 0851, and 416654000). Retain these instructions as part of your equipment manual.

SHUTTING UNIT DOWN

Note: Only qualified personnel should install this Kit.

1. Shut off plain water and CO₂ (carbon dioxide) supplies to the Unit.



WARNING: Disconnect electrical power to the Cooling Unit to prevent personal injury before attempting to install this Kit.

2. Disconnect electrical power from the Unit.

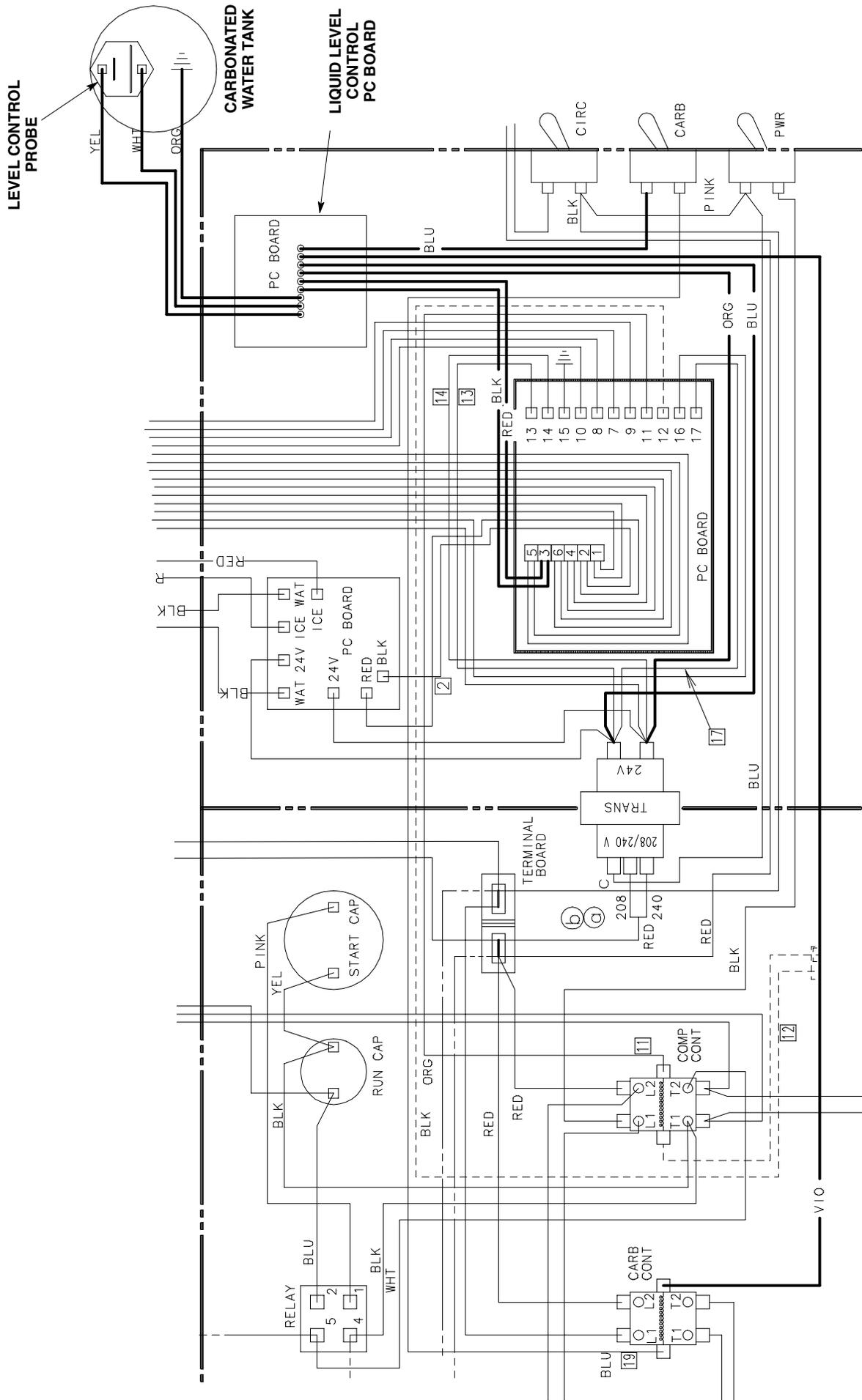
INSTALLING LIQUID-LEVEL CONTROL PC BOARD AND LEVEL-CONTROL PROBE KIT

1. Remove Unit top cover for access to the old level-control probe in top of the carbonated water tank.
2. Remove electrical control box cover for access to the liquid-level control PC board.
3. Disconnect electrical wires from old level-control probe.
4. Disconnect orange ground wire from top of carbonated water tank.
5. Pull up on carbonated water tank relief valve to relieve CO₂ gas pressure from the carbonated water tank and system.
6. Unscrew and remove old level-control probe from the carbonated water tank. Discard old probe.
7. Apply a thin film of petroleum jelly on "O" ring seal on the new level-control probe (P/N 3195).
8. Install new level-control probe in the carbonated water tank. *DO NOT OVER TIGHTEN.*
9. Pull three electrical wires, that were connected to the old level-control probe, out of the Unit wiring harness back to inside of the electrical control box.

10. Referring to the wiring diagram, disconnect old liquid-level control PC board electrical wires (6) from various components within the Unit.
11. Remove old liquid-level control PC board from inside the electrical control box. Discard old liquid-level control PC board.
12. Install new liquid-level control PC board (P/N 3771) inside the electrical control box.
13. Route the liquid-level control PC board electrical wires (6) to and connect to the various components within the Unit as shown in the wiring diagram.
14. Route three electrical wires (yellow, white, and orange) out of electrical control box, through the wiring harness, and on to the new level-control probe.
15. Connect yellow and white electrical wires (with connector on their ends) to the new level-control probe.
16. Connect orange electrical wire to ground connection on top of the carbonated water tank.

RESTORING UNIT OPERATION

1. Restore CO₂ (carbon dioxide) supply to the Unit.
2. Restore plain water supply to the Unit.
3. Connect electrical power to the Unit.
4. Dispense from dispensing valve to purge all air from the carbonated water tank and the carbonated water system.
5. Check Unit for water leak at the level-control probe and repair if evident.
6. Check Unit for proper operation.
7. Disconnect electrical power from the Unit.
8. Install Unit top cover and electrical control box cover by reversing removal procedures.
9. Connect electrical power to the Unit.



WIRING DIAGRAM