INSTALLATION INSTRUCTIONS

Level Control Probe Kit

Safety Instructions

WARNING:
Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

Qualified Service Personnel

WARNING:
Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

Safety Precautions

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

WARNING:
Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

CAUTION:
Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

INSTALLATION INSTRUCTIONS

These instructions outline installation of the replacement Level Control Probe on the 1/4 HP Venture Post-Mix Dispenser and the Aurora Cold-Carbonator Cooling Units (model numbers 0740, 0832, 0833, 0851, and 416654-000). Retain these instructions as part of your equipment manual.

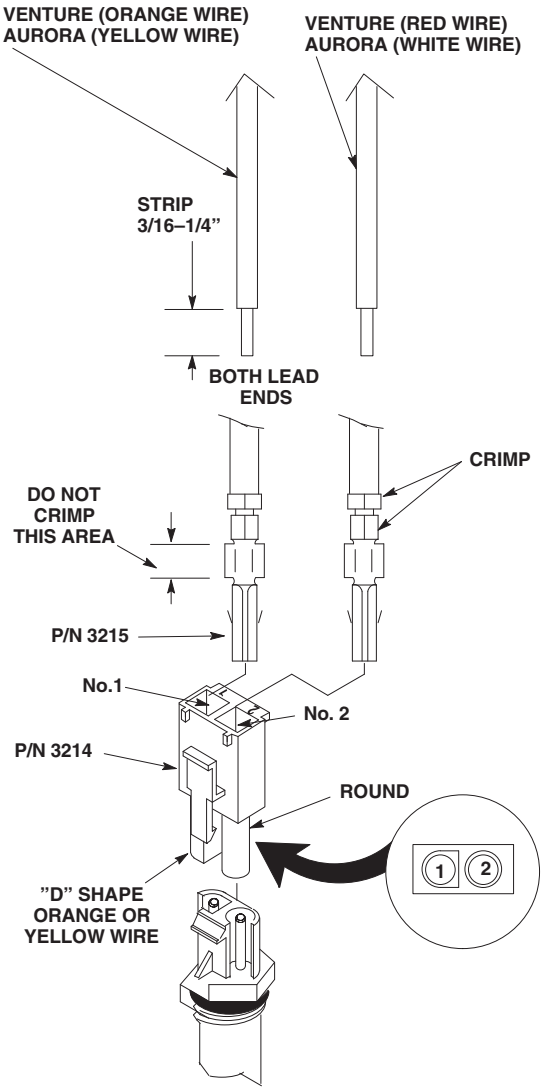

Figure 1

SHUTTING UNIT DOWN

CAUTION:
Only qualified personnel should install the replacement Level Control Probe.

1. Shut off plain water and CO_2 (carbon dioxide) supplies to the Unit.
2. Disconnect electrical power from the Unit.

Installing New Level Control Probe

1. **Aurora Cooling Unit.**

   Remove Unit top cover for access to the old level control probe in top of the carbonated water tank.

   Venture Post-mix Unit.

   As necessary, remove any housings or covers to allow access to the old level control probe in top of the carbonated water tank.

2. Disconnect electrical wires from the old level control probe.

NOTE: In some cases it may ease installation of the new socket connector housing (p/n 3214) by also disconnecting the green (venture) or orange (aurora) ground electrical wire in the wiring harness.

3. Cut terminals off of the orange/red (Venture) or yellow/white (Aurora) wires leaving the wires as long as possible.
4. Strip 3/16 to 1/4-inch of insulation from the ends of both electrical wires as shown in illustration.
5. Install socket connectors (P/N 3215) on ends of stripped electrical wires as shown in illustration. Crimp socket connectors tightly in place.
6. Insert socket connectors into rear of socket connector housing (P/N 3214) as shown in illustration.
7. Push socket connectors into connector housing until they lock in place.
8. Trial fit the socket connector housing, with electrical wires socket connectors installed, on the new level control probe to assure proper assembly of the socket connector housing.
9. Pull up on carbonated water tank relief valve to relieve CO_2 gas pressure from the water tank and system.
10. Unscrew and remove old level control probe from the carbonated water tank. Discard old probe.
11. Apply a thin film of petroleum jelly on “O” ring seal on the new level control probe.
12. Install new level control probe in the carbonated water tank.

IMPORTANT: Do not over tighten.

13. Reconnect the green (Venture) or orange (Aurora) ground electrical wire if disconnected in step 2.
14. Connect electrical wiring socket connector housing to the new level control probe.

NOTE: Make sure socket connector housing is properly and solidly connected.

Restoring Unit to Operation

1. Turn on CO_2 (carbon dioxide) supply to the Unit.
2. Turn on plain water supply source to the Unit.
3. Connect electrical power to the Unit.
4. Dispense from dispensing valve to purge all air from carbonated water tank, and also check Unit for proper operation.
5. Check Unit for water leak at the level control probe and repair if evident.
6. Disconnect electrical power from the Unit.
7. Reassemble Unit by reversing housing or cover removal procedures.
8. Connect electrical power to the Unit.

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