

## **Converting an Eclipse CME type CP system to Prodigy**

The prior system's 24 volt power was supplied by the ice machine head. In the Prodigy system the power is supplied by the CP unit. When the Prodigy head calls for ice, a relay in the head connects 24 volts to the contactor coil (yellow to violet). When the unit goes into harvest, another relay in the head connects 24 volts to the solenoid coils in the CP (brown and violet).

Note: The left – right position of the connector at the bottom of the CP control box could be reversed from what is shown in the wiring diagram. Go by color code not position.

This requires adding a 24 volt power supply to the CP unit.

1. Obtain transformer 12-2836-02
2. Disconnect electrical power to CP and Head.
3. Mount transformer in CP control box.
4. Rewire CP:
  - a. Cut orange wire (goes to contactor coil) a few inches from connector at bottom of control box.
  - b. Cut brown wire (center wire) a few inches from connector at bottom of control box.
  - c. Connect orange wire from connector at bottom of control box to brown wire going to bypass valve.
  - d. Connect orange wire from contactor coil to transformer 24 volt terminal.
  - e. Connect brown wire from connector at bottom of control box (center wire) to other transformer 24 volt terminal.
  - f. Add wires from L1 and L2 to power side of transformer.
5. Reconnect electrical power and test system.

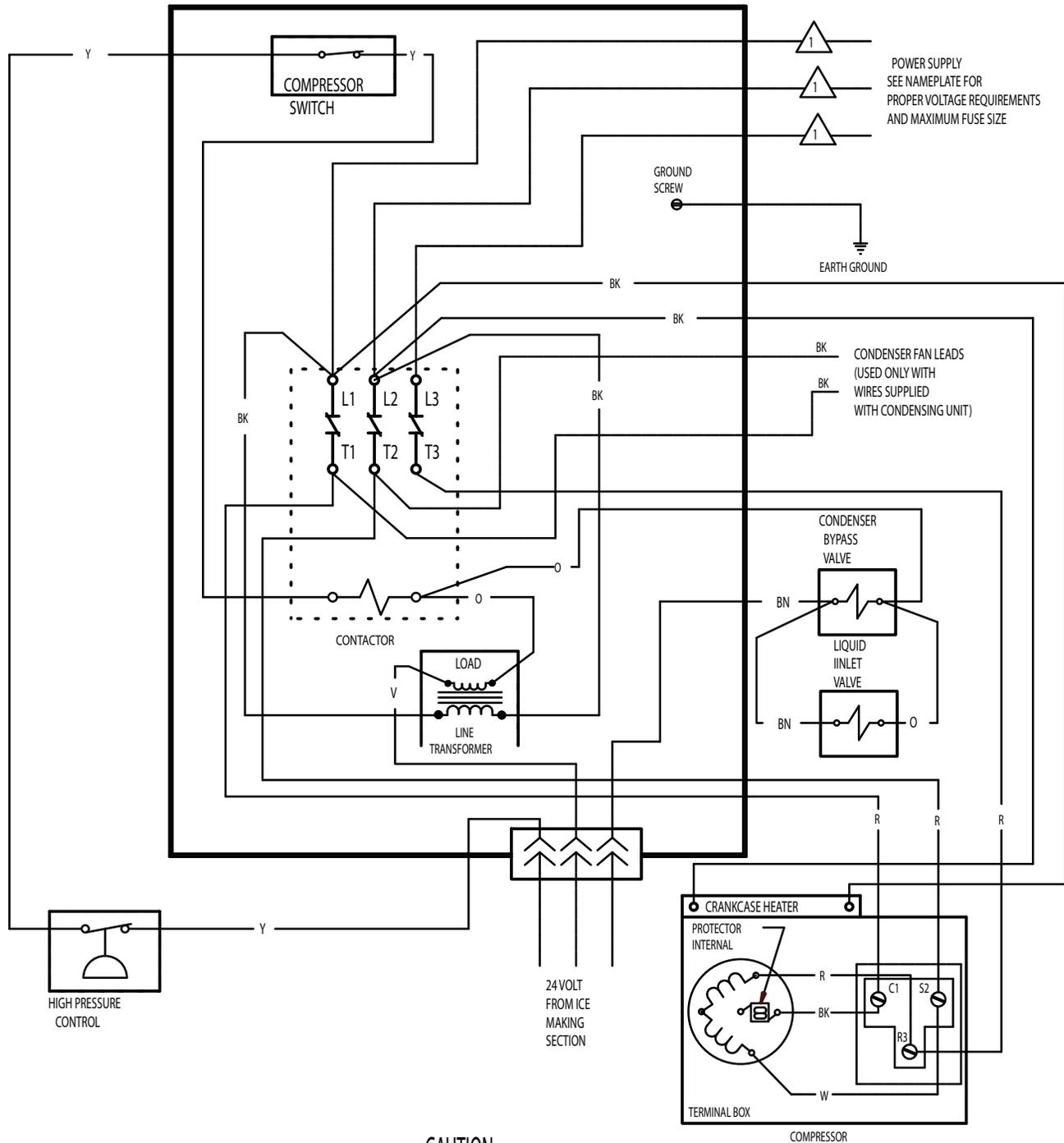
# Prodigy Eclipse 600, 800, 1000 Service Parts

## C0600CP, C0800CP and C1410CP Three Phase Schematic Diagram

17-3131-01

USE COPPER CONDUCTORS ONLY

 DASHED LINES INDICATE FIELD WIRING WHICH MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.



CAUTION:

MORE THAN ONE DISCONNECT MEANS MAY BE REQUIRED TO DISCONNECT ALL POWER TO THIS UNIT.

THIS UNIT MUST BE GROUNDED.