



SERVICE BULLETIN # 00267

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DATE: 11-16-05

REVISION: 00

SUBJECT: Refrigeration Issues Caused By Control Board Battery Replacement

of People
Required



MODELS: All Venders with Electronic Refrigeration

Part Number	Part Description
N/A	N/A

TOOLS REQUIRED: None

ESTIMATED TIME: 5 minutes

REASON FOR BULLETIN: Replacing a control board battery could affect the calibration of the vender's temperature sensor, causing evaporator freeze-ups or warm product. This bulletin explains the corrective procedure for this issue.



The following areas of this vender contain voltage which can cause serious injury or even death: the main power cord, supplying 110 VAC to the evaporator, EMI filter, and refrigeration system; the power line from the EMI filter to the ballast and transformer; and the ballast, which can produce upwards of 600 volts. Remove power from vender before working in any of these areas.

INSTRUCTIONS:

(Basic instructions are given here. For more detailed programming instructions, refer to the vender's service manual.)

1. Open the vender's door, and press the service mode button on the control board.
2. Scroll through the programming menu to the Refrigeration Mode ("rFrg," "Frig," etc., depending on the control board type), and press <enter>.
3. *For venders with Set Point (SEtP):*
 - a. Scroll to "SEtP" or "Set Point," then press <enter>.
 - b. Use <up> to raise the set point temperature (in venders that are freezing) or <down> to lower the set point temperature (in venders with warm product), as appropriate.
 - c. Press <enter>, and close the vender's door.
 - d. Monitor the refrigeration performance, and readjust as necessary.
4. *For venders with "Cuti" (cut-in) and "Cuto" (cut-out):*
 - a. Scroll to "Cuti," then press <enter>.
 - b. Use <up> to raise the refrigeration cut-in temperature (in venders that are freezing) or <down> to lower the refrigeration cut-in temperature (in venders with warm product), as appropriate.
 - c. Press <enter>.
 - d. Press <up> once. The display will show "Cuto." Press <enter>.
 - e. Use <up> to raise the refrigeration cut-out temperature (in venders that are freezing) or <down> to lower the refrigeration cut-out temperature (in venders with warm product), as appropriate.

Note: The cut-out temperature should be raised the same quantity of degrees as the cut-in temperature to ensure that the refrigeration unit is not running excessively.

 - f. Press <enter>, and close the vender's door.
 - g. Monitor the refrigeration performance, and readjust as necessary.

In an effort to provide our customers with the latest information on our equipment, Royal Vendors sends service bulletins to customers using the original ship-to address or e-mail addresses, if supplied by our customers. We also post all service bulletins on our website at www.royalvendors.com. If for any reason a vender is moved to another location or is sold to another customer other than to whom Royal Vendors originally sent the machine, it is the responsibility of the original purchaser of the vender to notify the appropriate personnel of the service bulletin.

**ANY QUESTIONS??? CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT
CALL TOLL FREE (800) 931-9214**