



SERVICE BULLETIN 336

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Date: 8 Nov 10

Revision: 00

SUBJECT: RDP Antenna Placement

MODELS: All models

Number of
People
Required



KIT NUMBER

KIT DESCRIPTION

N/A

N/A



The following areas of this vender contain voltage which can cause serious injury or even death: the main power cord, supplying 115-230 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 all power from the vender before working in any of these areas.

TOOLS REQUIRED: Drill, wire ties

ESTIMATED INSTALLATION TIME: <10 minutes

INFORMATION: When installing an RDP unit in venders, it is imperative that the unit's antennas be placed correctly. Failure to do so can cause signal interference with several other components of the vender, including the chute sensor. This bulletin describes the correct placement of these antennas.

RDP AND ANTENNA PLACEMENT:

The RDP unit should be mounted in the top of the door, as shown in the photograph below. Both antennas should be mounted at the top of the door between the RDP unit and the door hinge, with the taller antenna farthest away from the control board and its harnessing. Bundle the antenna wires into a 3"-4" (8-10 cm) loop and secure them with wire ties.

Note: Royal Vendors strongly recommends that the RDP and both antennas be mounted on the **hinge side** of the door. This placement creates the least interference with the vender's electronics.



As shown here, the RDP unit should be mounted at the top of the door. Mount the antennas in the top of the door, with the taller antenna farthest away from the unit. Bundle and secure the antenna wiring. The antenna wiring should always be kept away from other wiring as much as possible.

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.royalvenders.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
 IN NORTH AMERICA, CALL TOLL FREE 1 800 931 9214**