

Product Cup Calibration

- **Calibrate**

Pressing <enter> at the “Calibrate” prompt will cause the controller to enter the vend mechanism calibration routine. This routine allows the operator to calibrate shelf and delivery port positions. Upon entry into this routine, the display will show “Password.” Pressing <up> or <down> will scroll through menu options “Password,” “Cabinet,” “Shelf,” “Shelf X, Position 1,” and “Port X.”

Pressing <enter> at the “Password” prompt will cause the controller to wait for the calibration password. The display will go blank and display an asterisk for each of the four characters. If the password is correct, the display will show “Cabinet”; otherwise, the display will show “Calibration.” The calibration password is “3456.” If the password is entered correctly, “Saved” will be shown whenever the user attempts to save a position or a shelf number. Otherwise, the system displays “Not Saved.” **Note:** “Password” will be removed from the menu once the correct password has been entered. If the controller is taken out of “Calibrate,” the password will need to be re-entered.

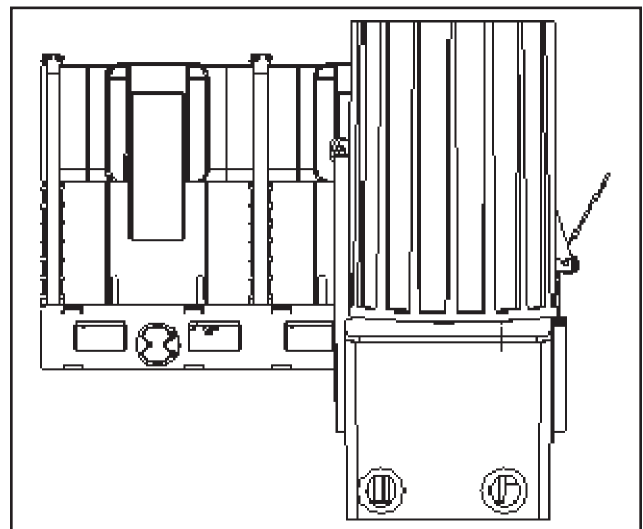
Pressing <enter> at the “Cabinet” prompt will cause the controller to display the current setting for the cabinet type. When installed in the RVV Gen II, the controller should always be set to “Gen II.” If set incorrectly, press <up> until the correct cabinet setting is displayed; then, press <enter>. The display will return to the “Cabinet” prompt. Press <up> to go to the next prompt, “Shelf.”

Pressing <enter> at the “Shelf” prompt will cause the controller to display the current number of shelves the system believes are available. Pressing <up> or <down> will cycle through the number of shelves available (5 - 8). Pressing <enter> will save a new total of shelves available across the system. Pressing <exit> will return the user to the “Shelf” prompt. **Note:** It is up to the user to correctly set the number of shelves that is in use by the system. Changing the number of shelves in use by the system will require the vender to be recalibrated. In addition, selection settings (“Price Program,” “StS Programming,” “Select Discount,” etc.) will possibly need to be redone to match users’ desires, to account for more or less shelves.

Pressing <enter> at any of the “Shelf X, Position 1” prompt will cause the controller to enter the shelf calibration routine. The picker cup will move to the calibration position for the desired shelf. The <left> and <right> keys are used to move the cup left or right until the left wall of the picker cup is aligned with the right edge of the cell label for cell 4. This is shown in the illustration below. **Note:** The cup will not move to the shelf position if the door is open or the cup is currently in motion. The shelf position will not be saved if the cup is currently in motion.

Pressing <enter> at the “Port X” prompt will cause the controller to enter the port calibration routine. The picker cup will move to a position above the delivery port. Use the <left> and <right> buttons to position the picker cup to the calibration position. When properly calibrated, the picker cup should be 1/32” (1 mm) from the port hook. (See “RVV NG Product Cup Manual Calibration” in SECTION 4: VENDER MAINTENANCE for a better description with illustration.)

Note: Once in the calibration menu, the controller will home the vend mechanism after the door is closed.



Cup in properly-calibrated position at shelf.