

# Instructions

## Controller Replacement

This controller will replace any Prodigy ELITE® modular cube controller. The lower light and switch panel will be reused and a new one is not included.

1. Remove front panel.
2. Disconnect electrical power.
3. Open control box door or cover.
4. Unplug all electrical connections.
- 4a. If unit has a KVS board in the upper right corner, remove it now.

Tip: Pull the knob off first.

5. Remove any screws or fasteners securing controller to control box door or cover.
6. Push controller down and tilt out at the top. Remove it from the machine.
7. Remove new controller from its protective bag

Note: Be sure to touch the metal chassis of the machine to discharge static electricity before removing controller from its protective bag.

8. Select the model the controller is being installed on from the table below, note switch number:

Model	MC0322, MC0330	MC0522, MC0530 MC0630, MC0722, MC0830, MC1030	MC1448, MC1848, MC2148	MC222L	MC430L	MC330L	MC2648
Selector	0	1	2	3	4	7	8

9. Locate model selector switch. Rotate switch until indicator arrow points at correct number for the model the controller is being installed on. (See image on back of this page)

10. Place controller onto the control box door or cover. Secure with the original screws.

11. Connect wires:

- J1 - Ground and power Supply
- J2 – High voltage power harness to loads
- J3 – Lower membrane switch panel
- J4 – KVS ultrasonic bin level sensor board (if installed)
- J5 -- Communications port (if an accessory board is connected)
- J6 – Thermistor
- J7 – Curtain switch - if only one curtain, use either J7 or J8
- J8 – Curtain switch
- J9 – Water level sensor
- J10 – Ice thickness sensor
- J11 – Bin thermostat. Use with NC thermostat & specified harness or Curtain Switch on C2648.
- J12 – Factory Use
- J13 – KBILC basic ice level control

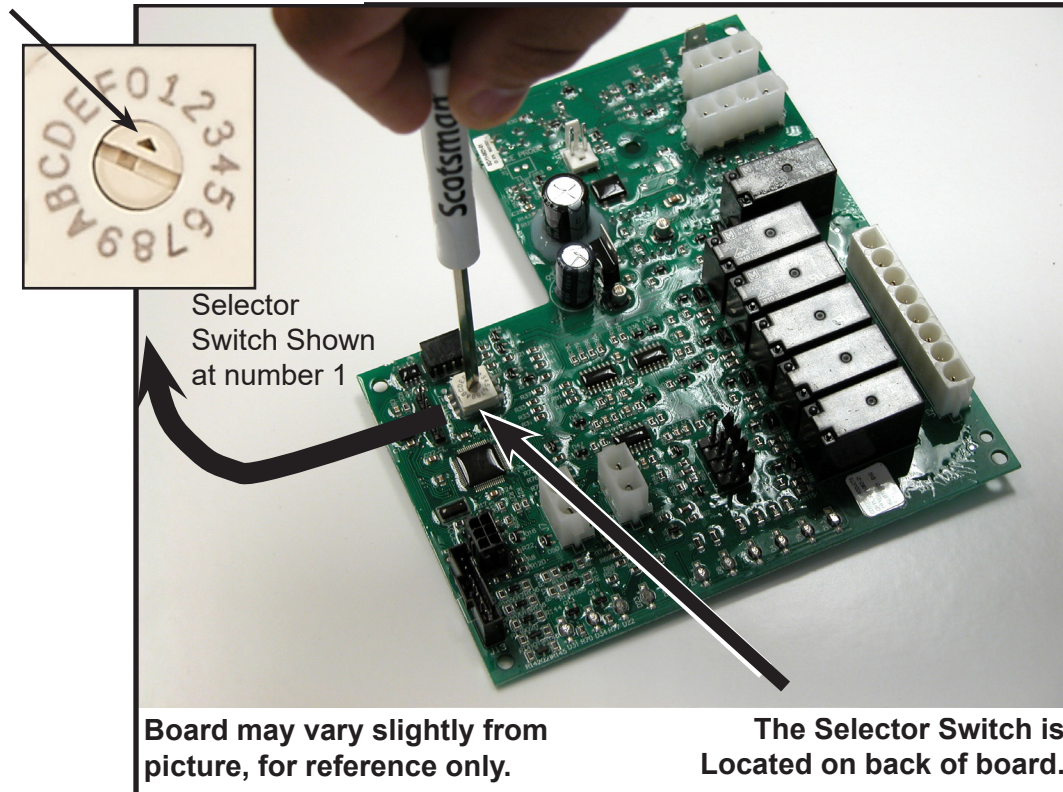
- 11a. When used, reinstall KVS board removed in step 4a.



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**Arrow must point to designated number or letter.**

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12. Close control box door. Secure with the original screw.

13. Reconnect electrical power.

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Note: If controller code display shows E and the Power light is blinking, double check the switch setting. The controller is supplied set to a non working setting to force a selection.

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14. Push and release On to start machine.

15. Return front panel to its original position and secure it to the ice machine with its screws. CU models return the bin to the unit.