NEW CONTROL BOARD AND TEMPERATURE PROBE INSTALLATION

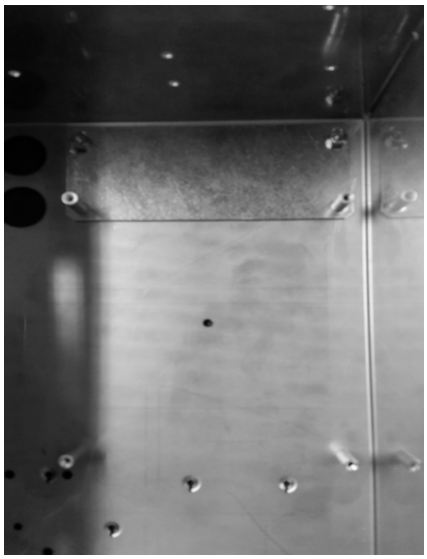
DOCUMENT #305 1162 01

Part #102145901

CAUTION! RISK OF PERSONAL INJURY, PROPERTY DAMAGE, EQUIPMENT FAILURE OR FIRE

Refer all maintenance to qualified personnel.
Disconnect power before servicing equipment.
Read and understand all instructions before proceeding.

1. Turn ice machine off and disconnect from outlet.
2. Get to the control board and unplug all connectors and remove the Ground, Neutral, and Line wires from the control board input. Remove the four screws holding the control board to the standoffs. Place old control board to the side.
3. Remove the water pump power supply in order to get to the top two screws holding the top two standoffs.
4. Keep the bottom two standoffs where they are, but remove the top two standoffs by unscrewing the standoffs by holding a screwdriver to the screws located on the back of the control box.
5. Place the top two standoffs on the threads located on the new bracket.
6. Line up the bracket on the front of the control box so the new screws (included in kit) go into the slotted holes. Use the new board to adjust the bracket up or down if needed in order to line the standoffs up with the four mounting holes on the control board. Place nuts on the screws to keep the bracket in place. The bracket should be placed so it matches the image shown below.



7. Place the water pump power supply back to its location.
8. If converting from 1.8 to 1.9 pcb, replace wire for wire.
9. If replacing 1.2 – 1.7 pcb (green plug) to a 1.9 pcb, (these numbers are on a silver sticker on a relay on the board).
10. The first three wires on the green plug go into J4 on the new board, (left to right ground, neutral, fuse). Then continue wire for wire from green plug to new plug, (left to right).
11. Mount the new board on the stand-offs and connect all connectors back in their locations.

Black plug component positions: left to right

- 1st position (left side) – high pressure switch (EXCEPT REMOTE UNITS THIS WILL BE THE LIQUID LINE VALVE)
- 2nd position – water valve
- 3rd position – water pump(s) (GB1064x 2 wires for 2nd pump)

cont. on back side pg. 2

- 4th position – defrost valve(s) (GB1064x two wires for 2nd defrost valve)
- 5th position – yellow wire from actuator motor
- 6th position either black (110v) or red (220v) from actuator motor

The last two spots will be empty unless you have a GB1064x then they will have the 2nd actuator motor wires in them, 7th spot yellow wire & 8th spot black or red.

Use the evaporator probe clip to attach the evaporator temperature probe to the furthest right serpentine tube just down from expansion valve bulb. Run new bin probe into the bin probe holder and into bin.

NOTE – **A JUMPER MUST BE IN PLACE OVER THE RIGHT SIDE PINS FOR DUAL EVAPORATOR ICE MACHINES (GB1064X) only, FOR REDUCED WATER USAGE (STANDARD OPERATION), A JUMPER MUST BE PLACED OVER THE LEFT SIDE PINS. * REMOVING THIS JUMPER WILL PROVIDE FULL RINSING OF THE WATER PLATE DURING DEFROST AND INCREASED WATER USAGE. SEE BELOW