



# HOSHIZAKI AMERICA, INC.

## SERVICE BULLETIN

**SB10-0007**

**October 4, 2010**

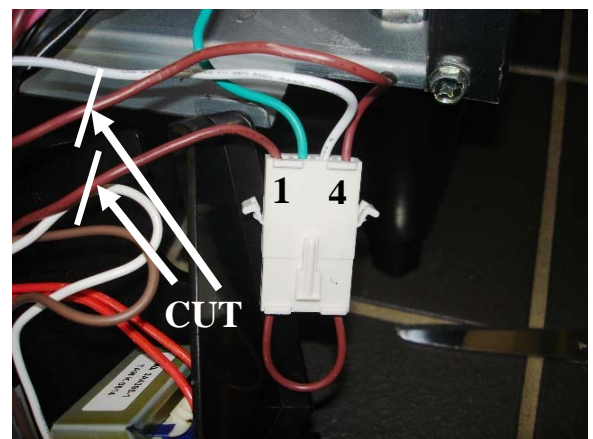
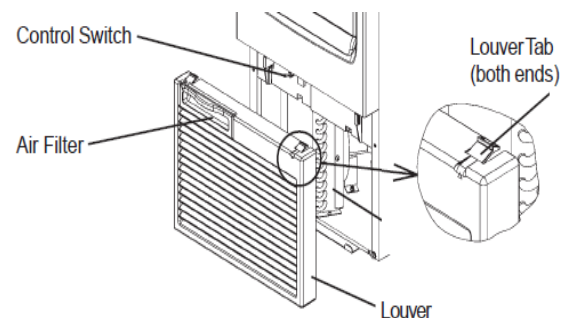
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### **Subject: KM-61/101B Optional Drain Pump Application**

A field issue has been found with the drain pump connector on KM-61BAH and KM-101BAH for production from 2007 to 2009 with serial numbers beginning with S, T & U. ***This issue only applies to units that are using an optional drain pump.*** The issue occurs only when the power supply to the unit is interrupted long enough to melt ice and fill the drain pump reservoir. When this occurs, the drain pump safety switch opens to shut down the unit. Due to a crossed wire on the unit drain pump connector, the pump will not restart to empty the reservoir and the safety remains open. With an open safety, the unit will not restart. As a result, the unit is off on safety and the KM bin will be full of water from the melted ice. No additional water will enter the unit so the water from melted ice is contained in the unit bin and pump reservoir. The unit will not restart until all the water is drained and the drain pump safety closes again.

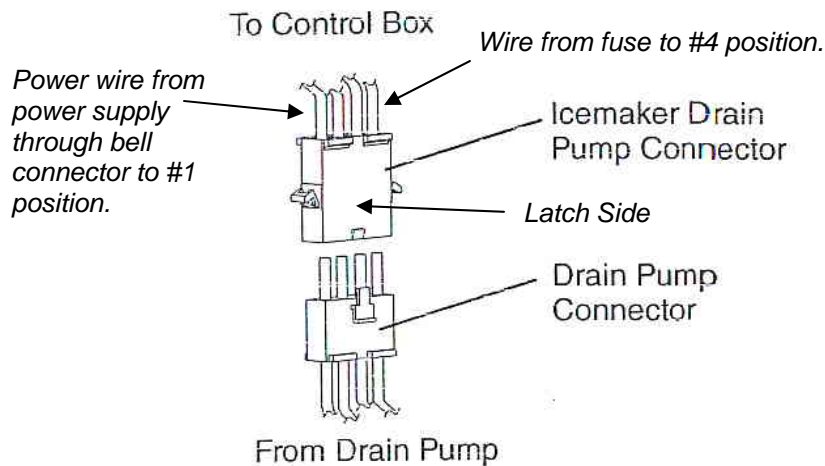
If you find a KM-61/101BAH using an optional drain pump off with a bin full of water, take the following steps to correct the problem:

1. Unplug the ice maker.
2. Use a screwdriver to release the louver tabs and remove the louver.
3. Locate the Drain pump connector to the right of the condenser coil.
4. You will notice that there are 2 brown wires on this connector in position 1 and 4 looking at the latch side of the connector. These wires are crossed. Cut both brown wires as shown and strip them back 1/4".
5. Connect the power wire from position 4 to the # 1 position using a butt splice, wire nut or bell connector.
6. The original wire connected to # 1 position is connected to the fuse in the control box. To access it, release the clips on either side of the control and pull the control box out.



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7. The fuse wire may be too short to reach position 4. In that case, you will need to cut a 12" length of 18 gauge wire, strip both ends back and add a terminal connector to one end. Connect the terminal to the fuse and route the other end to the wire to position 4. Connect this wire to the connector using a butt splice, wire nut or bell connector. The finished connector should be as follows:



8. Once this is complete, replace control box, and louver then test the unit with the following process:
- Plug the icemaker up.
  - Turn the control switch to ICE.
  - The pump should start immediately and pump the water out of the bin and drain pump reservoir.
  - Once the bin is empty, the unit should restart in the fill cycle.
  - One minute later the unit should start the Harvest mode and continues the normal cycle.

If you have any questions please contact Hoshizaki Technical Support at 1-800-233-1940