



SEPTEMBER 2000

SIDE-BY-SIDE DEFROST HEATER ICING ISSUES

Starting in June of 1999, Side-By-Side refrigerators were produced with only one defrost heater system in place of the previous two defrost heater system. The new system passed all necessary testing. However, evaporator icing issues have been seen in the field. At this stage, when such a situation is found, the best solution is to replace the single element defrost heater with the previous dual element defrost heater (WR51X0443 or WR51X0442). See the instructions below for how to retrofit the models.

For Side-By-Side 24/28/30 Cu. Ft. Models:

1. Disconnect and remove the single element defrost heater and harness assembly.
2. Install the dual element heater.

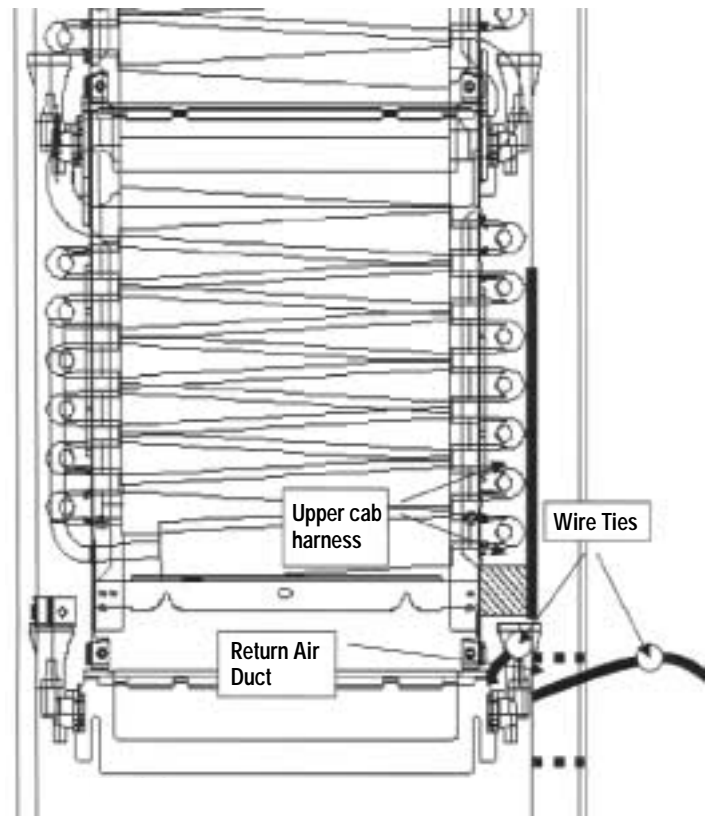
NOTE: THE HARNESS SHOULD NOT COME IN CONTACT WITH ANY SHARP EDGES OF THE EVAPORATOR OR SPINE FINS. ANY PORTIONS OF THE HARNESS WHICH COMES IN CONTACT WITH SHARP EDGES OF THE EVAPORATOR BRACKET OR SPINE FINS MUST HAVE ALUMINUM TAPE WRAPPED AROUND THE HARNESS TO PREVENT WEAR ON THE WIRE. EXCESS HARNESS SHOULD BE BOUND TOGETHER TO AVOID ANY POSSIBILITY OF INTERFERENCE WITH THE EVAPORATOR FAN.

For Side-By-Side 20/21/22/25/27 Cu. Ft. Models:

1. Disconnect and remove the single element defrost heater and harness assembly.
2. Install the dual element defrost heater.
3. The upper cab harness (which is routed down the right back corner of the freezer through the lower portion of the return air duct) must be moved up 2 inches (both on the freezer and fresh food sides) so that the drip loop on the harness is not in the direct path of the lower defrost heater (see diagram). This will result in the upper cab harness being routed through the upper portion of the return air duct versus the bottom.

NOTE: TO MORE EASILY ROUTE THE UPPER CAB HARNESS THROUGH THE TOP OF THE RETURN AIR DUCT THE CENTER DIVIDER IN THE RETURN AIR DUCT CAN BE REMOVED. Wire ties should be used to re-attach the upper cab harness and hold it in place.

NOTE: THE UPPER CAB HARNESS SHOULD BE ROUTED SO THAT IT PASSES THROUGH THE RETURN AIR DUCT AT AN UPWARD SLOPE TO ALLOW ANY CONDENSATION TO RUN DOWN THE WIRE AND OFF THE DRIP LOOP INTO THE DRAIN ON THE FREEZER SIDE.



Side-By-Side 20/21/22/25/27 Cu. Ft. CG Models
Back view of the freezer compartment after installation of the dual element defrost heater.