

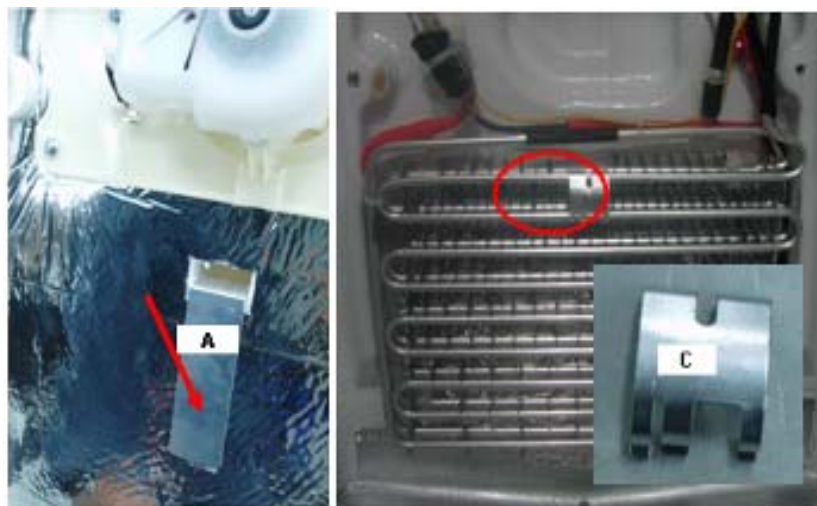
Defrost circuit modification

On the older side-by-side refrigerators, manufactured prior to March 2007, that have drain ice buildup problems perform this modification. The evaporator cover with its foil backing is integral parts of the drain defrost circuit. The foil must make contact with the defrost heating element to transfer the heat to the drain.

The cause of the ice buildup is:

1. The heat from the defrost heater is not transferring to the drain during a defrost cycle
2. The Styrofoam in the evaporator cover around the fan absorbs moisture and freezes
3. During the defrost cycle the ice on the Styrofoam will melt but refreeze
4. The amount of ice will eventually increase causing cooling efficiency to diminish
5. If the ice buildup grows, it can block the fan and stop it from spinning

To improve the defrost of the drain install the metal clips on the evaporator cover and evaporator coil.



Part numbers for these parts are as follows:

A: DA61-03502A PLATE-DRAIN INS EVAP, REF

C: DA61-03585A FIXER-EVAP REF

Refrigerators that have this modification already can also have drain ice buildup if the two clips are not seated properly or where the contact surfaces have become corroded due to moisture buildup.