

ICE MAKER OPERATION



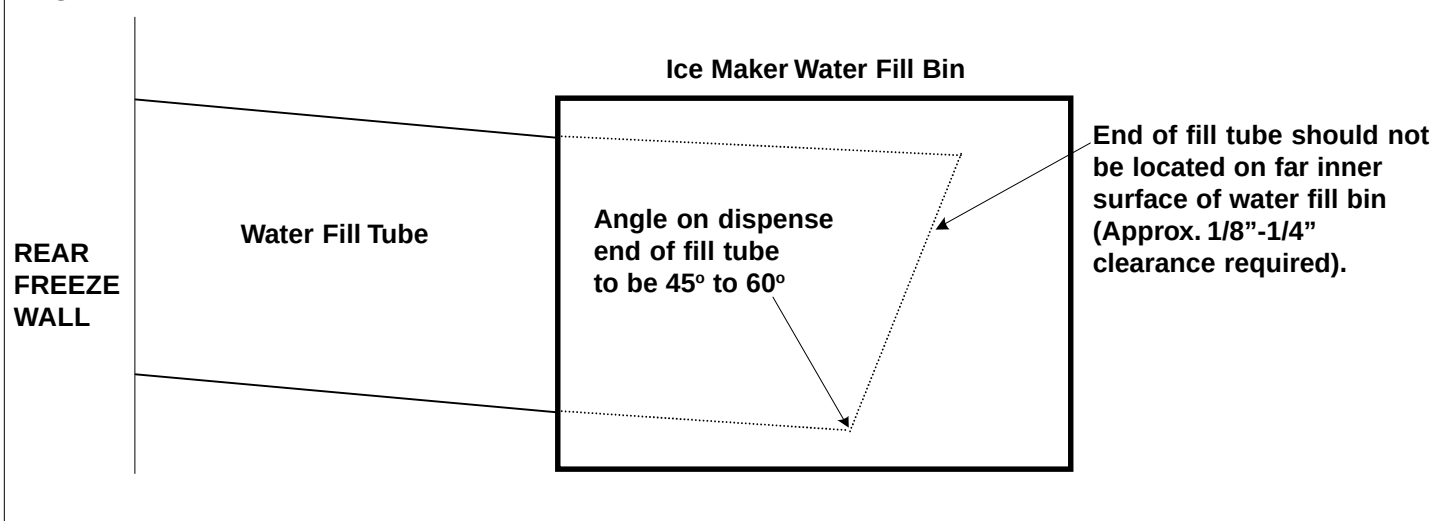
REFRIGERATOR BULLETIN R78/7A OCT. 1997

AUTOMATIC ICEMAKER HELPFUL SERVICE HINTS

The following information provides simple items to check and verify before replacing any icemaker components.

1. If the customer is reporting or has a complaint of Low or Complete Stoppage of Ice production from their Automatic Icemaker, review and inspect the following items with the customer.
 - a) Icemaking yield or cube ejection from the Automatic Icemaker is only possible when 120 volts AC is present to the Refrigerator and to the Icemaker Mechanism.
 - b) Determine the thermostat control setting that customer is positioning the thermostat control during Icemaker use and operation. The thermostat setting will directly influence the Ice yield of the unit. If customer is operating the refrigerator thermostat control at a Mid or Lower setting, the thermostat should be placed to a higher setting during expected Icemaker production or demand. When not requiring high Icemaking yields, the refrigerator should be positioned back to a normal operating setting.
 - c) Inspect the amount of Frost build-up in the Freezer Compartment specifically in the area around the Icemaker Mechanism. Due to the continued influx of water to the Icemaker Mechanism and Freezer compartment, frost formation will naturally be accelerated in any Absorption Icemaker model. A frost accumulation of approx. $\frac{1}{2}$ inch or thicker accumulation will impede the cooling and Icemaking production of the unit. A simple defrost operation by the owner may be required to resume normal Icemaker production.
 - d) On Icemaker Models with rear entry water fill tubes, fill tube location, placement, and dispensing angle into the Icemaker Mechanism is critical for proper operation. If the water fill tube has been located to far forward into the Icemaker fill bin or does not have the proper angle on the dispensing end of the fill tube, freeze up within the fill tube can occur. These conditions can result in gradual or complete stoppage of Ice production of the Icemaker mechanism. See the following illustration.

FIG. 1



2. Prolonged exposure of the Icemaker water valve to high mineral content water (high iron or calcium content, etc.), can eventually lead to blockage of the Icemaker water valve screen. A blocked water valve screen can lead to gradual reduction and eventual stoppage of ice production. Inspection of the water valve inlet screen should be conducted. The water valve is located on lower rear side of the refrigerator accessible through the Refrigerator Inlet Vent Service Door.