GENERAL ELECTRIC COMPANY MAJOR APPLIANCES	REFRIGERATOR and FREEZER

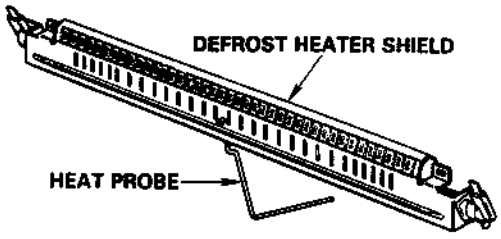
Service Bulletin — REF 7-90

DRAIN FREEZING
TMNF 14/16 "M" MODELS

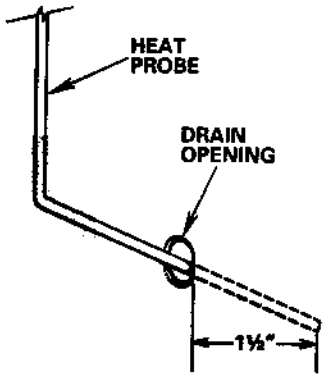
DATE: August, 1990

Water dripping from the air diffuser at the top of the fresh food liner, in some early produced TMNF 14 and 16 "M" (1990) models, is likely caused by defrost water overflowing the drain sump due to ice forming in the drain opening.

This condition was corrected at the factory in February, 1990 by adding a heavy aluminum wire probe to the defrost heater shield. The probe, riveted to the front of the shield and extending down into the drain opening, conducts heat from the defrost heater to prevent the formation of ice in the drain opening.



This correction can be applied in the consumer's home by replacing the original defrost heater shield. The WR2X8350 Replacement Shield has the heat probe attached. When installing the shield, be sure the probe is positioned into the drain opening approximately 1 1/2-inches. The probe should be centered in the drain opening and not touching any plastic surface. Wipe the heater glass with a damp paper towel to remove contaminants after handling.



In some cases, the defrost control stalling has contributed to the drain freezing problem. This condition produces a knocking sound -- caused by the rotor contacting the stator -- and results in intermittent stalling of the motor. Accordingly, when a knocking sound can be heard, emitting from the defrost control, it should be replaced also. Use only a WR9X432 Defrost Control for replacement in these models.

The defrost thermostat is not involved in the drain freezing problem.