

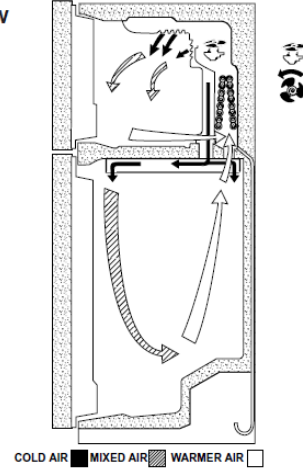
AIRFLOW

Freezer Compartment

Cold air from the evaporator is forced up against the top of the freezer and the back of the evaporator cover. It is then discharged through slots along the air tower at the rear of the freezer compartment.

Air is circulated by the evaporator fan throughout the freezer compartment, where it picks up heat and moisture. The evaporator fan then draws the warmer, moisture-laden air through return louvers in the bottom of the evaporator cover. The air is then drawn through the evaporator where heat is removed and moisture is deposited as frost.

Airflow

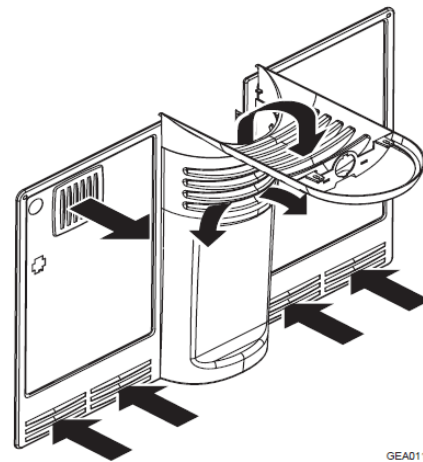


Fresh Food Compartment

Some of the cold air that is being forced against the top of the freezer and back of the evaporator cover is diverted through the lower portion of the freezer air tower and is pushed through the mullion hole into the fresh food compartment air channel. The air then exits the air channel in the front of the fresh food compartment, creating a curtain of cold air along the front of the shelves. The fresh food air channel also has a rear discharge to maintain deli drawer temperatures.

Air circulates throughout the fresh food compartment, picking up heat and moisture. The air is then returned to the evaporator through the return air ducts located at the top right and left of the fresh food compartment.

Note: These refrigerators do NOT use damper assemblies to regulate the flow of air to the fresh food compartment. Airflow is regulated by a three-speed evaporator fan and a sized air duct system that provide predictable, consistent air exchange rates for each level of fan speed.



GEA01143

