



Unit 12 – 2355 Royal Windsor Drive  
Mississauga, Ontario, Canada  
L5J 4S8

## REFRIGERATOR MAIN CONTROL

The refrigerator main control board serves as the appliance's brain, regulating and monitoring key functions for efficient operation:

- 1. Temperature Regulation:** Uses sensors to monitor and adjust internal temperature, activating the compressor as needed.
- 2. Defrost Control:** Manages the defrost heater to prevent frost build-up on evaporator coils, ensuring optimal cooling.
- 3. Fan Control:** Operates internal fans to circulate cold air evenly in the refrigerator and freezer compartments.
- 4. Door Switch Control:** Activates lights when the door opens and turns them off when closed, conserving energy.



## APPLICATION

Designed for specialized refrigerators like wine storage, it maintains an optimal temperature range of 45°F to 65°F (7°C to 18°C).

## FEATURES

The refrigerator main control connects to the compressor, heater, display, buzzer, temperature sensors, and more, offering the following features:

- Power off memory
- Compressor delay protection
- Timing protection
- Temperature/humidity display
- Countdown shutdown
- Child lock function