

# COOLTEC

## SMART DEFROST BY COOLTEC



The Cooltec Smart Defrost Controller is a factory installed and tested control that delivers a more efficient defrost cycle, on demand, only when needed. Is energy efficient, easy to install, easy to read, and easy to program. Its remote monitoring system, alarms, and diagnosis provides consistent temperature that improves product integrity and gives peace of mind to our customers.

### FEATURES

- Smart Demand Defrost, only when needed
- Eliminates wiring (5-wires) from evaporator coil to refrigeration rack, electric defrost for low temp systems
- Energy efficient, reduces defrost cycles by more than 30%
- Completely eliminates ice build up on evaporator and walk-in box
- Replaces defrost time clock and thermostat
- Remote monitoring, alarms, and diagnosis

# COOLTEC REFRIGERATION CORP.

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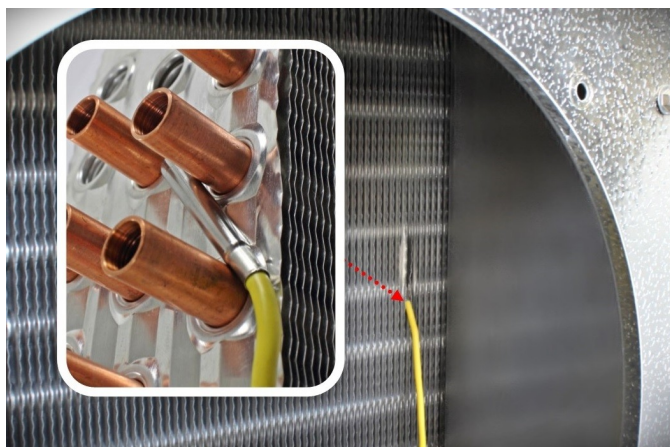
## SMART DEFROST BY COOLTEC



The Smart Defrost Controller is an energy efficient refrigeration controller for medium and low temp applications. The Smart Defrost Controller combines the function of a thermostat and defrost time clock, eliminates complexity, simplifies programming and eliminates wiring from the evaporator to the refrigeration rack. The Smart Defrost Controller provides remote monitoring and system control with an alarm notification that can be sent thru email or text (when used with KE2 LDA). With two temp sensor inputs and two configurable inputs The Smart Defrost Controller executes a defrost cycle only when needed (demand defrost) and completely eliminates ice build up on the evaporator and walk-in box.

### FEATURES

- Energy efficient
- Smart Defrost (only when needed)
- Digital thermostat
- Removes temperature fluctuation
- Reduce food spoilage
- Reduces defrost cycles (savings)
- Keeps moisture in food, prevents freezer burn
- Simplifies field wiring
- Reduces installation time and cost
- Two Temperature sensor inputs
- Combines the function of a defrost time clock and thermostat
- Eliminates ice build up on evaporator and walk-in box
- Remove icing risk on floors
- Remote monitoring, alarms, and diagnosis
- E-mail/Text alarm alerts



The Smart Defrost Controller simplifies wiring, reduces installation time and cost, is energy efficient, easy to install, program, and read. It replaces the mechanical components of a thermostat and defrost time clock, it relies on temperature sensors and fan controls that prevent frost formation and eliminate unnecessary service calls. The digital control offers a better precision than mechanical refrigeration controls, it provides steady temperature and reduces defrost cycles by more than 30%.

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