

# ICM550 DEFROST CONTROL TIMER



- Reduces the need for excess defrost cycles in refrigerating applications, specifically applicable to walk-in coolers/ commercial freezers
- Adjustable 15 min to 23 hours and 45 min defrost cycle
- Timed or manual defrost termination
- User-friendly time clock for commercial refrigerant cooler applications
- High power condenser fan and defrost heater relay output
- 100% monitoring of defrost inputs and outputs
- Simple to use, drag & drop replacement for popular defrost timers
- Available with mounting bracket (Order: ICM550) or packaged in a NEMA Type 4X weatherproof enclosure (Order: ICM550-ENC)



## Mode of Operation

Upon reaching the pre-set interval time for defrost to occur, the **ICM550** will enter the defrost cycle which will turn off the fan and turn on the backup heating source. The **ICM550** will remain in defrost for the set defrost time. At the end of the set defrost time, the unit will return to normal operation until the next pre-set interval for defrost occurs.

## Specifications

### Electrical Rating

- **Voltage:** 120-240VAC
- **Frequency:** 60 Hz

### Output

- **Type:** Relay
- **Form:** SPDT, SPST
- **Rating:** Normally closed: 30A @ 240 VAC  
Normally open: 40A @ 240 VAC

### Timing

- **Minimum defrost time:** 15 minutes
- **Maximum defrost time:** 23 hours 45 minutes
- **Terminate defrost:** Defrost can be terminated by shorting "X to N"

### Status LED

- Defrost mode (Red LED)
- Refrigeration mode (Green LED)

## Replaces

- **Intermatic/Grasslin:** 010-0011B, DT040, DT140, DTAV40, DTAV40M, DT-B, DTMV, DTSX
- **Paragon:** 8041, 8045, 8047, 8141, 8143, 8145, 8245, 8247
- **Precision:** 6041, 6045, 6047, 6141, 6145

## Order Information

**ICM550**  
Control and bracket

**ICM550-ENC**  
Control and enclosure

**ACC-OE-04**  
Enclosure only

## Wiring Diagram

