

Model 75 Temperature Alarm

FOR WALK-IN COOLERS AND FREEZERS



For the protection of walk-in coolers, walk-in freezers, and other environments where the maintenance of proper temperatures is essential.



MODULARM CORPORATION

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MODULARM Model 75 Temperature Alarm

FOR WALK-IN COOLERS AND FREEZERS

Protects against loss of perishables and helps to avoid costly spoilage by providing audible, visual and remote alarms whenever inordinate temperature conditions exist or whenever power failure occurs.

Features:

- Completely solid state
- Digital readout of monitored temperature in °C or °F
- Field adjustable high and low alarm temperature setpoints
- Field adjustable time delay circuitry
- Built-in test circuitry
- Built-in battery and charger circuitry for power failure annunciation
- Built-in transformer (remote transformer also available)
- Standard 25' sensor line
- Sensor accuracy unaffected by length of sensor line
- Safe and alarm lights provide constant visual status of monitored area
- Built-in N/O & N/C dry contacts and pulse output for remote notification
- Fail-safe control circuitry design prevents accidental disabling
- Available in flush or surface mount enclosure
- Many optional configurations available



Surface Mount

Specifications:

Dimensions:

Surface Mount - 9"L x 4"W x 1.8"D.
Flush Mount -

Flange: 10.375"L x 4.75"W
Cutout: 9.375"L x 4.375"W

Enclosure: Drawn aluminum with stainless steel faceplate.

Temperature Range: -40°F to 193°F, -40°C to 89°C.*

Setpoint Range: -40°F to 120°F, -40°C to 49°C.*

Time Delay: 10 to 150 minutes in 10 minute increments.*

Temperature Accuracy: ± 1°F.

Audible Notification: Piezo type horn; frequency - 3.8kHz; SPL - 85db @ 3' TYP.

Visual Notification: Green LED - Safe light, Red LED - Alarm light.

Remote Notification: Dry contacts - Normally open and normally closed; Current capacity - 6 AMP @ 120/240VAC, 6 AMP @ 28VDC; Pulse output - 6VDC for 1 second.

Voltage Requirements:

115/230VAC, 50/60Hz

Power Consumption: 8 Watts

*Other ranges available.

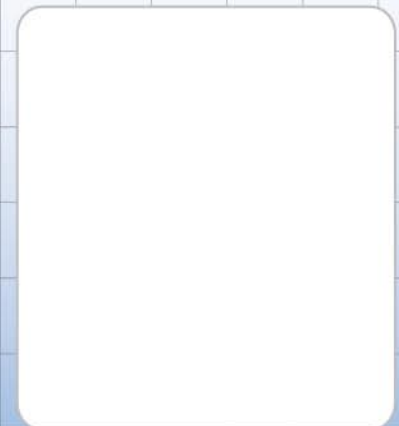
Operation:

Adjustments for the alarm temperature setpoints and time delay are set in accordance with the application. Monitored temperature exceeding setpoints causes activation of time delay circuitry. Audible, visual and remote alarm occurs when monitored temperature has remained outside of setpoints beyond length of time delay. Power failure is annunciated immediately upon occurrence.

Application:

Schools, cafeterias, hotels, fast food facilities, hospitals, restaurants, industrial or institutional kitchens, blood banks, biomedical labs, industrial processes, environmental rooms.

Modularm Temperature Monitoring Systems are distributed by:



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