



Project Name: \_\_\_\_\_

Item #: \_\_\_\_\_

Quantity: \_\_\_\_\_

**Type: Controller/Monitor**  
**Model: Intelligent Controller - IC**

Controller/Monitor - Intelligent Controller - IC

**Standard Features**

**PERFORMANCE:**

- Digital Thermometer
- Audio/Visual Temperature Alarm
- High & Low Alarm Set Points
- Energy Saving Cyclic Door Heater Control & Monitoring
- Integrated Light Switch
- 3 Digit LED Display
- Integrated Dry Contact for alarm signaling (1A @ 24VAC, 1A @ 30VDC)
- Multi-way light switching capabilities

**ADAPTIVE PROGRAMMING:**

- Controller automatically detects room temperature and adjusts settings for optimal operation.
- Settings may also be manually overridden at the end user's discretion.

**PROGRAMMABLE FEATURES:**

- Door Heater: Turns door heater wire control on/off.
- Door Heater Activation Temperature: Sets the temperature at which the door heater wire becomes active.
- Door Heater Runtime %: Percentage of a six minute cycle that the heater wire will operate. (i.e.- 50% = 3 min. on, 3 min. off)
- Alarm High Set Point: Sets the walk-in air temperature at which the high temperature alarm will sound.
- Alarm Low Set Point: Sets the walk-in air temperature at which the low temperature alarm will sound.
- Alarm Time Delay: Sets the length of time a high temperature situation can exist before an alarm sounds, helping to avoid false alarms.
- Light Off Delay: Sets the amount of time the interior light can be left on before automatically being turned off.
- Air Temperature Offset: Temperature adjustment to compensate for probe location.

**PROGRAMMABLE FEATURES DEFAULT SETTINGS:**

- Door Heater: On
- Door Heater Activation Temperature: 45° F
- Door Heater Runtime: 35% (Cooler) / 85% (Freezer)
- Alarm High Set Point: 45° F (Cooler) / 15° F (Freezer)
- Alarm Low Set Point: 32° F (Cooler) / -25° F (Freezer)
- Alarm Time Delay: 40 min.
- Light Off Delay: manual operation
- Temperature Offset: 0°



**Optional Features**

- Extended air temperature probe (25' or 40')
- Panic Alarm w/ Internal Press Switch
- Back-to-back light switch with pilot

**Technical Data**

- 115V, 3.2 A (Standard Configuration)
- 5.0 A Maximum Lighting Load w/ Electronic (LED) ballast
- 1,200W Maximum Lighting Circuit Load w/ Incandescent Lights

**Certifications**

