INTELLIGENT CONTROLLER PLUS (IC+):

**SPECIFICATIONS**

**Features:**
- Digital Thermometer
- Audio/Visual Temperature Alarm
- High & Low Alarm Set Points
- Energy Saving Cyclic Door Heater Control & Monitoring
- Integrated Light Switch (3-Way Capable)
- Easy to Read LCD Display
- Door Monitor (w/ Ajar Alarm & Auto Lights On/Off Capability)
- Integrated Dry Contacts
- USB Interface
- Wi-Fi Capable for HACCP & Remote Notification
- Battery Backup

**Optional Features:**
- Extended Length on Standard Probe (25' or 40')
- Second Probe for Dual Compartment Monitoring (25' or 40')
- Panic Alarm w/ Internal Press Switch

**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 Operation Temperature: Sets the target temperature at which the door heater wire will operate
- Door Heater Runtime %: Percentage of a four minute cycle that the heater wire will operate. (i.e. 50% = 2 min. on, 2 min. off)
- Alarm High Set Point: Sets the temperature at which the high temperature alarm will sound
- Alarm Low Set Point: Sets the temperature at which the low temperature alarm will sound
- Alarm Time Delay: Sets the length of time a high or low temperature situation can exist before an alarm sounds, avoiding false alarms
- Light Off Delay: Sets the amount of time the interior light can be left on before automatically being turned off
- Temperature Units: Capable of displaying temperatures in either Celsius (C) or Fahrenheit (F) units
- 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 Temperature: 100°F (Cooler) / 110°F (Freezer)
- Door Heater Runtime: 35% (Cooler) / 100% (Freezer)
- Alarm High Set Point: 45°F (Cooler) / 15°F (Freezer)
- Alarm Low Set Point: 32°F (Cooler) / -25°F (Freezer)
- Alarm Time Delay: 10 min
- Light Off Delay: ∞
- Temperature Units: Fahrenheit
- Temperature Offset: 0°

**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