



SYSTEM 200 SPECIFICATIONS

JOB _____

ITEM # _____

QTY. REQUIRED _____

SCOPE: This specification covers the System 200 Walk-In Monitoring System.

Features:

- Digital Thermometer
- Audio/Visual Temperature Alarm w/ High & Low Set Points
- 115V Output for External Connections
- Energy Saving Cyclic Door Heater Control & Monitoring
- Integrated Light Switch
- Fully Programmable w/ On-Screen Service Menus
- Dot Matrix LED Display
- Real Time Clock
- Self Charging Battery Backup
- HACCP Compliant SD Card Interface
- HACCP Compliant PC Communication Ready
- Door Monitor

Optional Features:

- Interior Light Switch w/ Backlight
- Panic Alarm
- HACCP Software w/ PC Connection Kit
- Dry Contact Conversion Kit

Programmable Features:

- Date & Time
- 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, 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.
- Temperature Units: Capable of displaying temperatures in either Celsius (C) or Fahrenheit (F) units.
- Air Temperature Offset: Temperature adjustment to compensate for probe location.
- Data Recording Interval: Adjusts the frequency of data recording

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 %: 50% (Cooler) / 75% (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
- Data Recording Interval: 15 min.

Technical Data:

- 115V, 3.2A (Standard Configuration)
- Output Contacts 115V, 1.4A(150W) for external connections
- 9.1A Maximum Lighting Circuit Load



AIA FILE # _____

SPEC # _____

American Panel Corporation
System 200 Monitoring System

American Panel