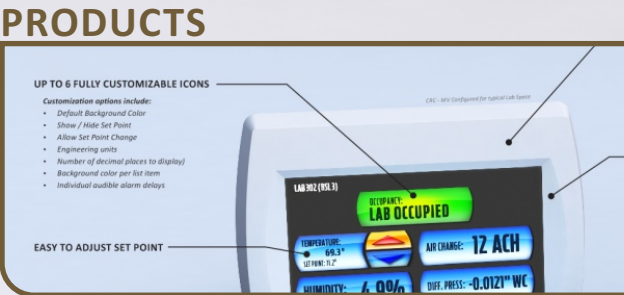
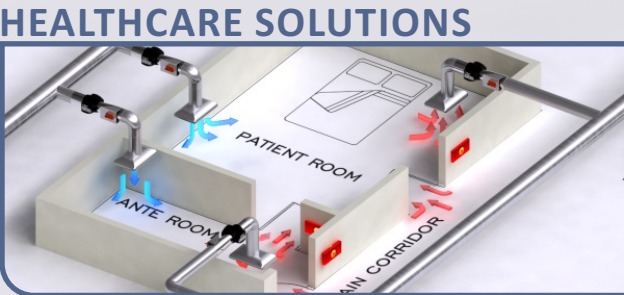
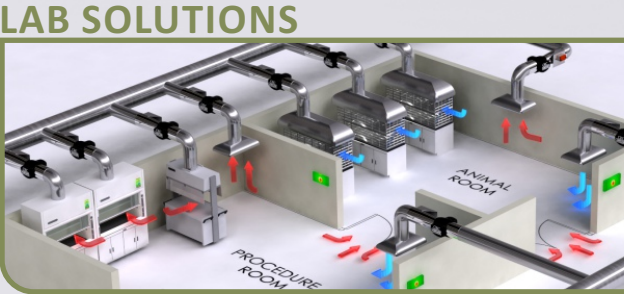


CRITICAL ROOM CONTROL

SOLUTIONS / PRODUCT OVERVIEW

OCTOBER 2012





# ROOM PRESSURE MONITOR / CONTROLLER

CRC RPM / CRC RPC

Our Room Pressure Monitors are specifically designed to give personnel a clear, accurate, and unambiguous indication of the room’s pressure environment and alarm status. Unlike other monitors that include LEDs or LCDs with cluttered graphics and confusing / hard to use interfaces, CRC uses clear to understand graphics with a bright vibrant color touch-screen that can be easily configured to meet an individual facility’s needs.

From concept to completion of our designs, we continually seek feedback from the end user. We incorporate features that not only improve safety and efficiency, but also drive industry standards and best practices in systems that monitor and control critical spaces. This approach has made Critical Room Control the technology leader in critical environment applications.

**EASILY HIDE / SHOW DIFFERENTIAL PRESSURE**

**CUSTOMIZABLE ROOM NAMES**

**CUSTOMIZABLE MODE LABELS**

**ROOM PRECAUTIONS (optional)**

*Safeguarding the lives of staff and visitors should be paramount when selecting the proper isolation room monitor / controller. Infectious control is especially important with Negative Isolation Rooms. That is why our monitors display precaution information prominently on the main screen. CRC is the ONLY monitor on the market today that offers this important feature.*

**Available Precautions:**

- Airborne Precautions
- Droplet Precautions
- Contact Precautions
- Standard Precautions
- None

**CUSTOMIZABLE BACKGROUND COLORS**

**AUTOMATED CLEARING / PURGING**

*A feature of the RPM/C is the ability to configure it with an automatic clearing time. When the device is switched from Isolation Mode to Non-Isolation Mode, the device will automatically maintain the pressurization of the room and display the clearing screen until the clearing time has expired.*

*A countdown timer is displayed on the main screen, giving minutes and seconds left in clearing mode.*

**“OCCUPIED - NO PRESSURE” MODE**

*To help facilities better utilize the rooms they have, the CRC-RPM/C offers a non-isolation occupied mode which will control the room’s pressure to a non-isolation set point providing considerable energy savings.*

**ROOM CHANGE OVER AUTOMATION**

*To speed up room changeover and increase room utilization, the CRC-RPM/C offers a “TO BE CLEANED” mode. This mode can be remotely communicated to housekeeping / cleaning personnel.*

*After the room is cleaned, personnel only need to touch the “CLEANED” button to switch the CRC-RPM/C to “VACANT” Mode.*

**“VACANT” MODE**

*The CRC-RPM/C “VACANT” Mode gives a clear indication that the room is available for occupancy. While in this mode, the CRC-RPM/C is conserving energy by controlling the room’s pressurization to a non-isolation set point.*

## PRESSURE ALARM SEQUENCE OF EVENTS:

**“MORE INFO” SCREEN**

*A powerful feature of the CRC - RPM / RPC is the MORE INFO screen that allows staff to access additional environmental information, check alarms, and make set point changes.*

*Up to 8 additional points can be independently configured to show current values and set points, audible and visual alarms, and allow set point changes.*

*When a drop in pressure occurs, the RPM/C will display “Loss Of Pressure - Check Door” text by Room Label.*

*When the audible alarm delay expires (configurable) the unit will go into audible alarm and change the screen to red.*



# MULTIVIEW MONITOR

CRC MV

The MultiVIEW is an advanced 7" LCD touchscreen display that is designed to be configured for any monitoring or sequencing application. Its core function is to give local access to critical information in an easy to read display. It's versatile design allows any of its on-board analog, digital inputs, or network connections to drive the information being displayed on the screen. Additionally, any of the on-board analog outputs or relays can be setup to drive a signal out to a BAS or peripheral device such as a valve or VFD. The MultiVIEW supports up to six (6) fully configurable graphical icons. The six graphical icons allow the facility user to view and/or make changes to point values, modes, status, set points, and alarms.

The icons can be independently configured to retrieve their value from an analog input (0-5v, 0-10v, 4-20mA), digital input, or network communication.

To support virtually any sequencing scenario, the four on-board analog outputs and relays can also be configured to be driven by a point's alarm status, audible alarm status, current value, or set point value.

BRIGHT / SUNLIGHT READABLE 7" LCD TOUCH SCREEN

LIST ICON SUPPORTS UP TO 5 LIST VALUES

FULLY CUSTOMIZABLE LAYOUT  
5 Icon layouts, plus the ability to hide a specific icon

EASY TO SEE VISUAL AND AUDIBLE ALARMS

- 3 Alarm States:
- Alarm
  - Audible Alarm
  - Alarm - Muted

## INTEGRATED I/O CAN BE CUSTOMIZED TO SUPPORT ANY HARDWIRE SEQUENCING NEEDS

### 4 Analog Inputs

Can be configured to:

- Drive current value
- Drive list value

### 4 Analog Outputs

Can be configured to:

- Hardwire current set point value
- Mirror any analog input
- Output a constant voltage signal for each list item

### 4 Digital Inputs

Can be configured to:

- Drive binary list value (i.e. On / Off, Open / Closed, etc.)

### 4 Relays

Can be configured to:

- Mirror DI
- Communicate point's alarm status
- Communicate point's audible alarm status
- Open / close based on list item selected

## UP TO 6 FULLY CUSTOMIZABLE ICONS

Customization options include:

- Default background color
- Show / hide set point
- Allow set point change
- Engineering units
- Number of decimal places to display
- Background color per list item
- Individual audible alarm delays

## EASY TO ADJUST SET POINT

## EASY TO READ VALUES AND STATUS

## I/O DIAGNOSTIC SCREEN

Installers can easily troubleshoot hardwire connections to the MultiVIEW Monitor. This screen visually shows the incoming signal for all analog and digital inputs, and allows the user to set individual analog outputs or relays. This feature is available on ALL of CRC's monitors.

