



RPM-1000 GUARDIAN REMOTE PRESSURE MONITOR

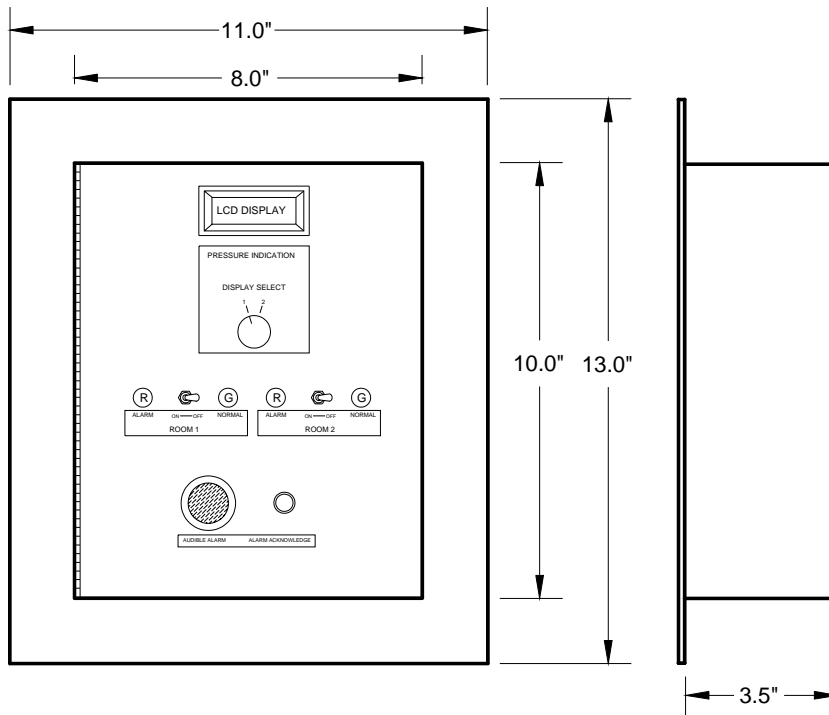
Description

The **Guardian RPM** is a remote pressure indicating and alarm display panel designed for reporting pressure differential and alarm data from multiple Guardian space pressure monitors. These panels are typically located at the nurse's station for hospital applications or at the facility maintenance office for laboratory applications. These remote panels display the pressure differential in the space being monitored with a resolution of one thousandth of an inch water column. One LCD display is provided on each remote panel and a rotary switch is used to select any of the space pressures being served. The LCD can be calibrated to indicate the space pressure in engineering units of either inches of water column or Pascal's. Red and green status lights are provided for each space. The red light indicates that the room is unsafe, the green light indicates that the room is within normal and safe operating pressure conditions. In the event an alarm condition occurs as the space pressure falls outside the allowable operating range, the red light will illuminate and the audible alarm will sound. The audible alarm can be silenced through an acknowledge button located on the front of the remote display panel. A two-position toggle switch is provided for each space being monitored to allow the operator to index any of the rooms to either 'on' or 'off' position. The off mode is used to deactivate the room monitor alarm function. The panel is provided with nameplates identifying device functions, room being monitored, and on/off switch position.

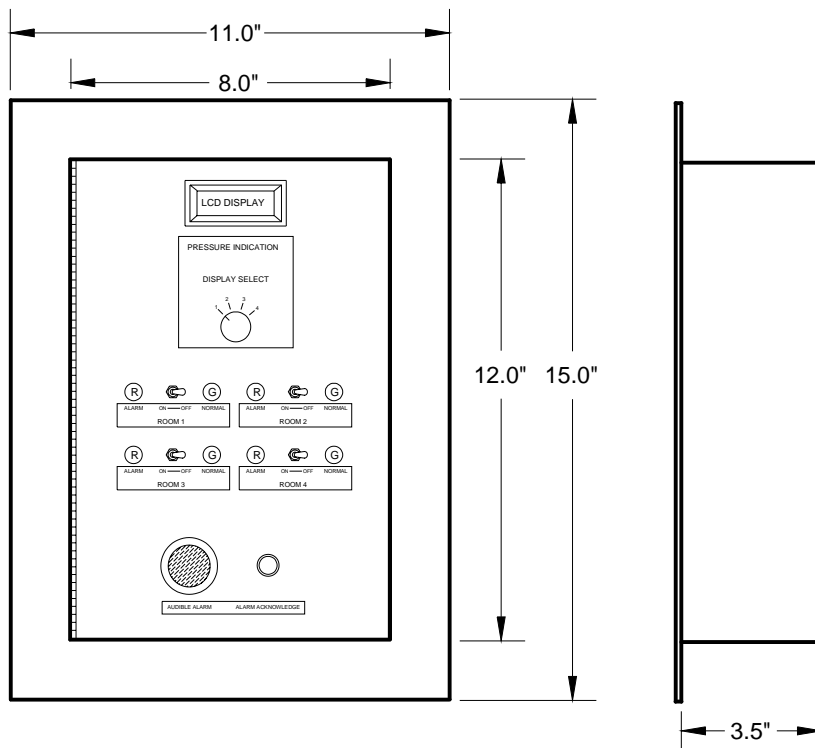
Features

- Local room pressure indicating meter
- Room pressure can be displayed in inches water column or Pascal's
- Room pressure selection switch
- Red and green room pressure status lights
- Audible alarm
- Audible alarm acknowledge button
- Alarm switch enable/disable
- Flush mounted electrical panel
- Brushed stainless steel front panel

RPM-1000 Dimensions

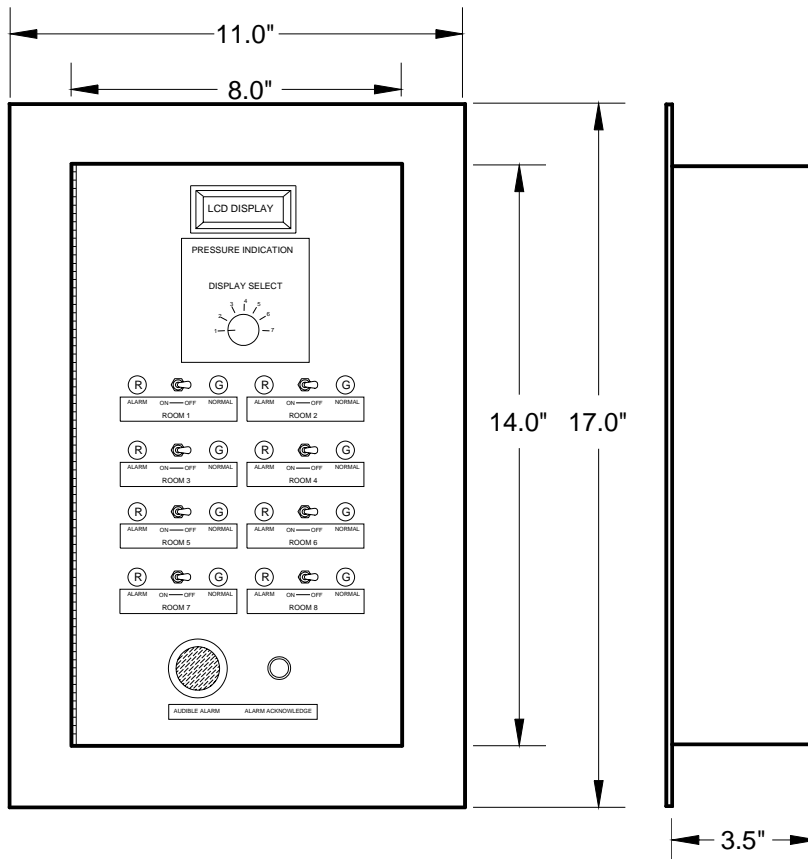


Note: The above dimensions are for GUARDIAN RPMs serving one or two rooms.



Note: The above dimensions are for GUARDIAN RPMs serving three to six rooms.

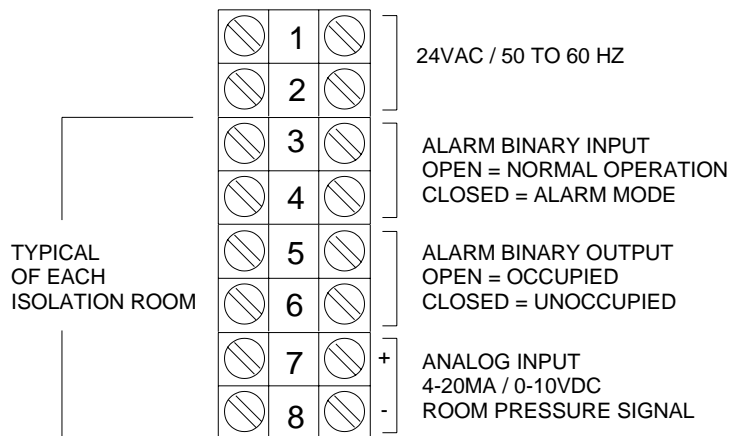
RPM-1000 Dimensions (Continued)



Note: The above dimensions are for GUARDIAN RPMs serving seven or eight rooms.

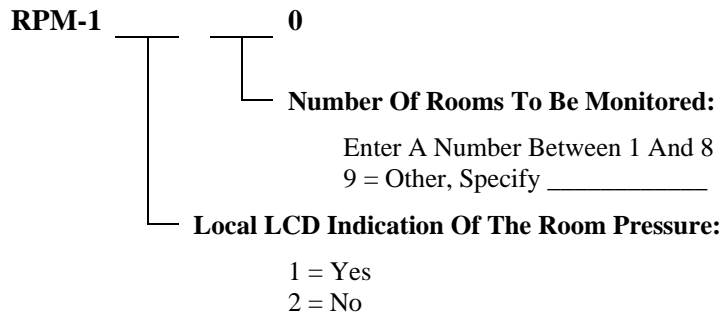
RPM-1000 Field Connections

TERMINAL TB1
INPUT POWER &
SIGNAL INTERFACE





RPM-1000 Ordering Information



RPM-1000 Specification Guide

General

1. The remote pressure monitor and alarm display panel shall be Model RPM-1000 as manufactured by Paragon Controls, Inc., Santa Rosa, California, (707) 579-1424.

Functions

1. The Guardian RPM-1000 shall monitor each isolation room pressure status as indicated in the plans and specification.
2. The Guardian RPM-1000 panel shall be flush mounted with brushed stainless steel face.
3. The Guardian RPM-1000 shall include a green and red status lights for each isolation room; the green light shall indicate that the room is within normal operating pressure criteria and the red shall indicate an unsafe condition.
4. The Guardian RPM-1000 shall include a common audible alarm and acknowledge/silencer momentary pushbutton switch.
5. The Guardian RPM-1000 shall include a normally open relay contact for each isolation room which shall close when the room goes into alarm for remote use by the BAS.
6. The Guardian RPM-1000 shall have a 4 digit LCD display with a selector switch to permit the operator to read any one isolation room pressure in inches of water column or Pascal's.
7. The Guardian RPM-1000 shall include a two-position toggle switch for each isolation room to permit the operator to disable any isolation room alarm.