

RPM-RT SERIES DIFFERENTIAL PRESSURE MONITORS

STATE-OF-THE-ART TECHNOLOGY AT AN ECONOMICAL PRICE

Feature Rich. User Friendly. Advanced Technology.

Abatement Technologies® RPM series Differential Pressure Monitors provide 24/7 monitoring and recording of differential air pressure relationships between multiple rooms or areas within a healthcare facility.

These monitors are a powerful yet simple tool to measure differential pressure. With a user-friendly LCD touch screen coupled with an intuitive menu design, the RPM-RT units provide advanced capabilities at an affordable price.

PRIMARY APPLICATIONS

- Patient infectious isolation rooms
- Protective environments
- Clean rooms
- Central Sterilization / Sterile Processing Departments

FEATURES & BENEFITS

The RPM-RT Series units add the ability to measure temperature and relative humidity to the previous RPM series models while adding additional software features that give the user customization options. This allows the user to better control and use the device's capabilities while maintaining the familiarity of the original RPM Series. Some of the numerous features of these versatile, state-of-the-art devices include:

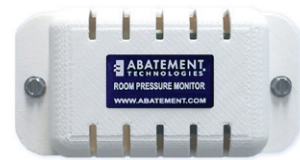
- RPM-RT1 monitors one room relative to a reference area
- RPM-RT2 monitors two rooms relative to a reference area.
- Optional remote sensor measures temperature and relative humidity
- Color-coded background (green, yellow, red) allows easy identification of alarm status
- Logs data for differential pressure, relative humidity, and temperature per the selected interval setting and at out-of-tolerance occurrences.
- Compatible with BACnet and N2 building automation systems without additional cost
- Dual-level password protection for operators and administrators
- Easy ordering kits available:

RPM-RT1K kit includes 1 each pressure monitor, 1 each 25ft of clear tubing, 1 each temperature/rh sensor and 1 each 25ft Ethernet cable

RPM-RT2K kit includes 1 each pressure monitor, 2 each 25ft of clear tubing, 2 each temperature/rh sensors and 2 each 25ft Ethernet cables



RPM-RT Series Monitor



Optional Remote Sensor
(RPM-RTSENSOR)

THE RPM-RT SERIES IS BEST SUITED FOR:



PATIENT ISOLATION



CRITICAL ENVIRONMENT PROTECTION



HEALTH CARE FACILITIES

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DESCRIPTION

UNIT

Input Voltage	9-24V AC or DC
Max Power Consumption	150 mA at max display brightness
Pressure Units Displayed	Inches of Water Column (inWC), Pascal (Pa)
Range of Measurement	+/- 0.10 inWC, +/- 25 Pa
Accuracy of Measurement	+/- 3% Full Scale
Display	3.5in 262K color TFT display, 320 x 240 resolution
Display Resolution	0.001 inWC, 0.025 Pa
Alarms	Custom alarm set points from -0.1 inWC (-25 Pa) to 0.1 inWC (25 Pa) at a resolution of 0.001 inWC (0.025 Pa)
Types of Alarms	Audible internal speaker with sound pressure level of 85dB at 4 in; display warning (yellow for pre-alarm, red for alarm)
Aux Alarm Connection	Normally open and common; relay output rated at 2 amps @ 30 volts DC; no power is provided
Pressure Ports	1/8in barbs for 1/8in ID tubing
Burst Pressure	Greater than 5 atmospheres
Operating Temperature	41°F to 131°F (5°C to 55°C)
Storage Temperature	-22°F to 176°F (-30°C to 80°C)
Operating Humidity	0% - 85% relative humidity (non-condensing)
Operating Altitude	9000 feet maximum
USB Port	USB V1.0 type A for connecting USB flash drive
Data Type	Data transmitted in CSV file via USB flash drive can be imported into any text based editor
Data Storage Capacity	4 mega bits; >12000 logged events (no power or battery required)
Data Logging	Date and time are shown with a logged event. Events are: alarm condition with current pressure for a specific room; system startup; alarm reset; configuration change; archive erased; and calibration
Internal Clock	Powered by a lithium ion battery that provides years of clock operation when neither AC nor DC power is present
Physical Dimensions	5.98in L x 4.02in W x 1.11in H
Weight	0.5 lbs

Specifications and details subject to change without prior notice