

PM

ROOM PRESSURE MONITOR



ANTEC controls
by PRICE

Room Pressure Monitor

The Room Pressure Monitor (PM) is designed specifically to meet the needs of Compounding Pharmacies, Isolation Rooms and Operating Rooms. The PM provides single pressure monitoring while utilizing industry-first maintenance-free pressure sensors.

The PM features visual and audible alarms signaling unsafe conditions. Illuminating sidebars provide 180 degree visual status from anywhere in the corridor. Audible alarms are available for additional room status indication ensuring building staff are able to verify changes in room status immediately.

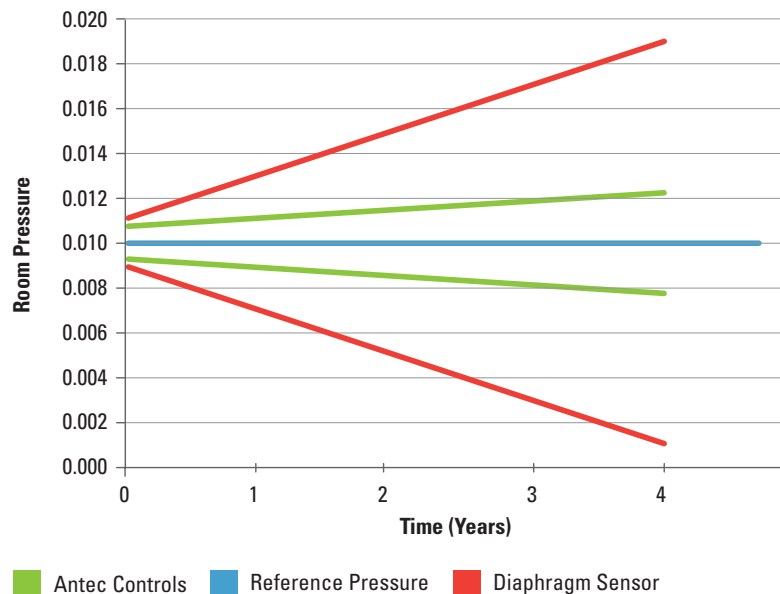
The PM measures the differential room pressure through the Room Pressure Sensor (RPS) assembly.



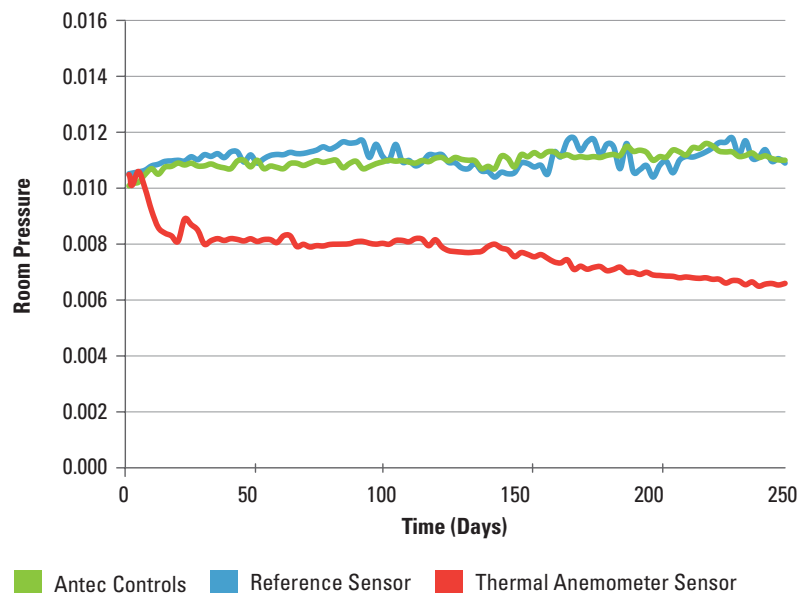
ROOM PRESSURE SENSING

The PM provides pressure measurement through an industry-first maintenance-free Room Pressure Sensor (RPS). As a result, the RPS is highly accurate with minimal drift over time. When tested against competing technologies, including diaphragm sensors and thermal anemometers, the RPS has proven to be the most durable pressure sensing technology.

Comparison of Antec Controls sensor to diaphragm sensor technology.
Comparison of published accuracies.



Comparison of Antec Controls sensor to thermal anemometer sensor technology.
Effects of a lint and dust saturated environment.



TYPICAL APPLICATIONS

The PM provides precise room pressure monitoring for critical spaces. Using a maintenance-free room pressure sensor (RPS), the PM can accurately measure room pressure without the risk of degradation over time.

APPLICATIONS

- + Compounding Pharmacies
- + Operating Rooms
- + Isolation Rooms

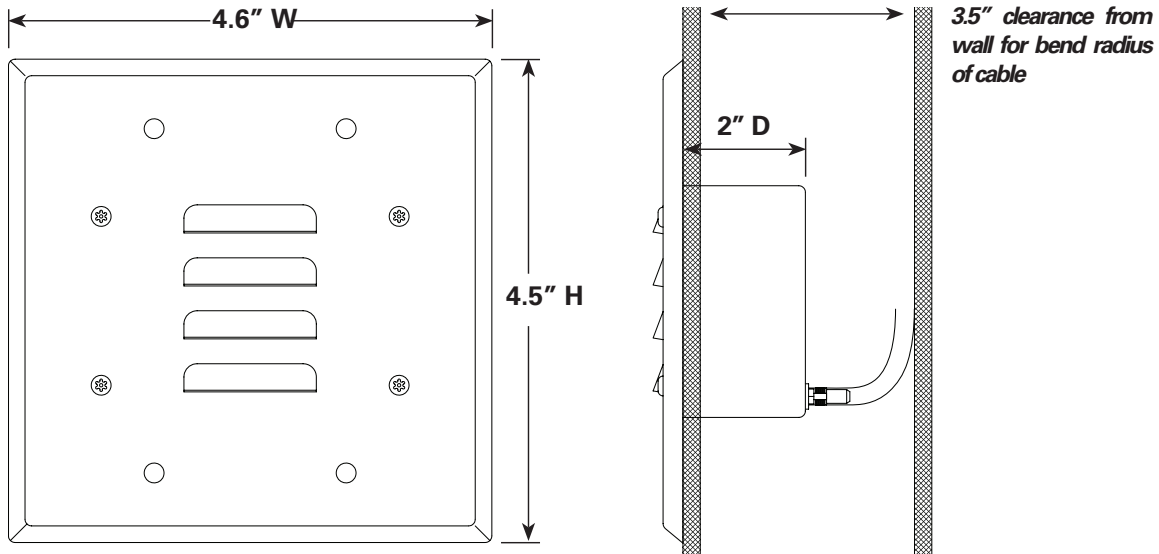
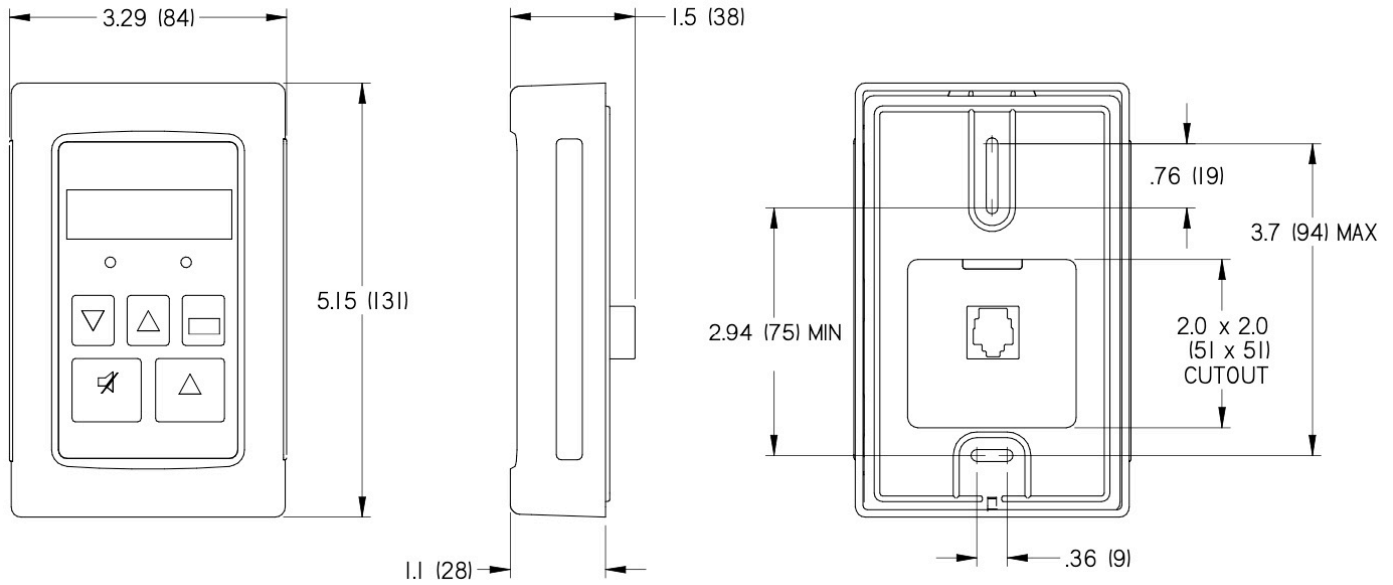
FEATURES

- + 24/7 pressure monitoring
- + LED sidebars with 180 degree viewing
- + Maintenance-free pressure measurement
- + Password protected menus

STANDARDS & CERTIFICATIONS

- + ASHRAE 170 Healthcare Ventilation Standard
- + USP 800 and USP 797 Hazardous Drugs – Handling in Healthcare Settings

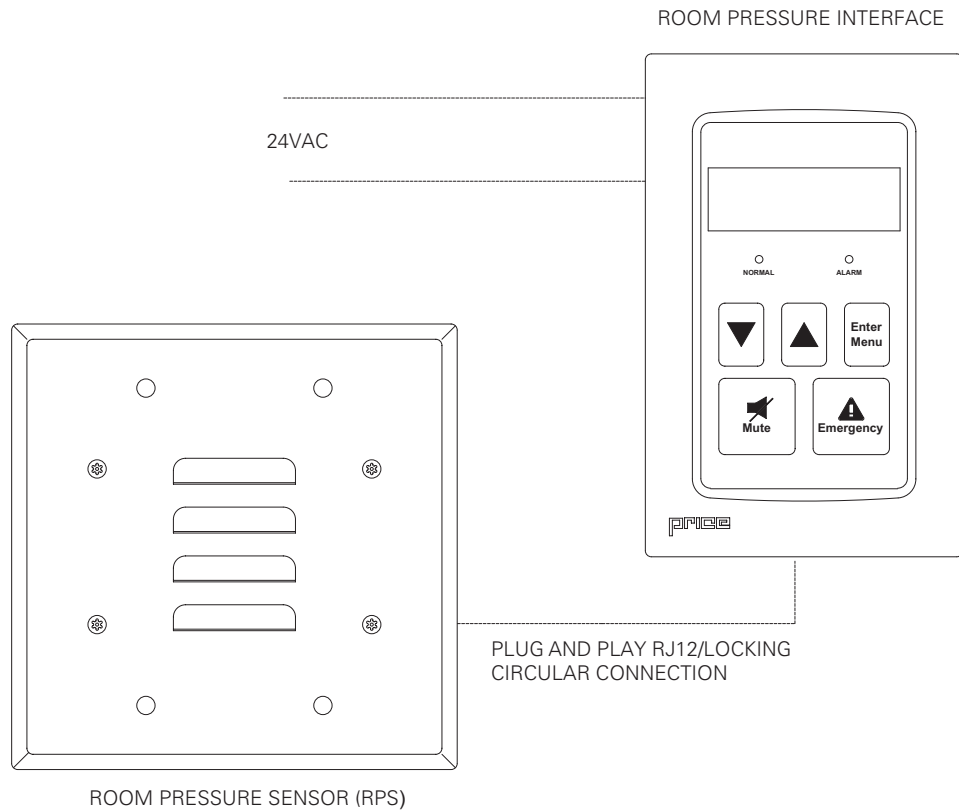
DIMENSIONAL DATA



SPECIFICATIONS

| PM SPECIFICATIONS: | |
|---------------------------|--|
| ENVIRONMENTAL (OPERATING) | 50F to 122F (10C to 50C), 5% to 95% R.H.(NON-CONDENSING) |
| ENVIRONMENTAL (STORAGE) | -22F to 122F (-30C to 50C), 0% to 95% R.H.(NON-CONDENSING) |
| INPUT POWER | 24 VAC + /10%, 50/60 HZ, 20 VA, CLASS 2 |
| INDICATORS | LCD SCREEN, 180 SIDEVIEW RGB LED, SPEAKER |
| CONNECTIONTYPE | RJ-12 REMOVABLE TERMINAL BLOCK |
| INPUT TYPE | KEYPAD |
| HOUSING | UL 94 V-0, ABS PLASTIC |
| RPS SPECIFICATIONS | |
| ENVIRONMENTAL (OPERATING) | 50F TO 95F (10C TO 35C) 0% TO 95% R.H.(NON-CONDENSING) |
| ENVIRONMENTAL (STORAGE) | -22F TO 122F (-30C TO 50C) 0% TO 95% R.H.(NON-CONDENSING) |
| INPUT POWER | POWERED FROM PM |
| RANGE | +/- 0.1 in.w .c. (+/- 25 Pa) |
| ACCURACY | 3% OF READING |
| PRESSURE TUBING | 24" (588mm) LONG, BLACK, FIRE-RATED |
| FACE PLATE | STAINLESS STEEL |

TYPICAL WIRING





Product Improvement is a continuing endeavour at Antec Controls by Price. Therefore, specifications are subject to change without notice.

Consult your Sales Representative for current specifications or more detailed information. Not all products may be available in all geographic areas. All goods described in this document are warranted as described in the Limited Warranty.

The complete product catalog can be viewed online at AntecControls.com