

# HEPA-CARE® DELUXE ROOM PRESSURE MONITOR

## For Patient Isolation Rooms

More Features. More Accurate. Easier To Install. The new HEPA-CARE model HCRPM-3N2 Room Pressure Monitor is designed to continuously monitor the differential air pressure inside an airborne infectious isolation room, relative to the common areas of a healthcare facility.

Abatement Technologies' engineers have incorporated the latest in microchip technology in the design of the HCRPM-3N2 to ensure that it delivers a superior level of performance, reliability and accuracy. This instrument will produce consistent, accurate measurements that you can trust.

The wall-mounted HCRPM-3N2 is the perfect companion to our popular HEPA-CARE Air Purification

### APPLICATIONS

- › TB Isolation Rooms
- › HIV Isolation Rooms
- › Bone Marrow Suites
- › Intensive Care Units
- › Emergency Rooms
- › Hospital Labs
- › Laundry Areas
- › Construction & Renovation

### FEATURES

- › New, Lower Profile Case
- › Compatible with Johnson Controls "MetaSys" N2 Building Control Network
- › New, Easier-to-Use "Touch Screen" Control Panel
- › Display Logs Up to 128 Events
- › Large Display: LCD Graphics, 128 x 68 pixels
- › Date & Time Settings
- › Non-Volatile Memory
- › Auto Calibration
- › Easy-to-Set Alarm
- › 3-Minute Alarm Delay
- › Energy Efficient, Low Voltage Operation 9-24 volts
- › Simple, 3-Point Wall Mounting
- › Weighs Just 2.17 lbs

### OPTIONS

- › LAN Connection
- › Nurses' Station Alarm





The HCRPM-3N2 features reversible cover hinges to accommodate specific location / mounting requirements.



Rear of HCRPM-3N2 shows the easy-install 3-point mounting system.



The HCRPM-3N2 is recommended for installation with Abatement Technologies' HEPA-CARE Air Purification Systems. Shown, HC400C ceiling-mounted system.

## HCRPM-3N2 SPECIFICATIONS

<b>Electrical Power Requirements</b>	12-24 Volts AC @ 400 Milliamps
<b>Maximum Power Consumption</b>	< 5 Watts
<b>Electrical Connections</b>	Terminal Strip
<b>Range of Measurement</b>	± 0.10 Inches Water Column: ± 25 Pascals
<b>Accuracy of Measurement</b>	± 1% Of Full Scale
<b>Display</b>	LCD Graphic 128 x 64 Pixels
<b>Display Resolution</b>	.0001 Inches of Water Column: .001 Pascals
<b>Panel Lights</b>	LED: Four Green, One Red
<b>Analog Outputs</b>	0-5 Volts DC 50 Milliamps Max, 2.5 V DC @ 0 Pressure with ± 50 Millivolts
<b>Alarm Output</b>	SPDT Relay, Contacts Rated at 12 Amps @ 250 Volts DC, 10 Amps @ 250 Volts AC
<b>Accuracy of Alarm Output</b>	1% of Alarm Setpoint for Light & Relay
<b>Maximum Pressure Limit</b>	10 PSI
<b>Transformer Rating</b>	16 Volts, 1.25 Amps
<b>Fuse Rating</b>	1 Amp
<b>Monitor Cabinet Rating</b>	UL Type 1 & 12K; NEMA 1, 4, 4X, 12, 13
<b>Cabinet Material</b>	Polycarbonate Plastic with Flammability Rating of UL94 V-1
<b>Hinged Cover Material</b>	Clear Polycarbonate Plastic with Flammability Rating of UL94 V-2
<b>Cover Hinges</b>	Reversible; Cover Opens 180°
<b>Knockouts</b>	.85" Dia; 4 on Bottom, 4 on Back of Cabinet
<b>Mounting Points</b>	3 Each
<b>Operating Temperature</b>	0° F - 150° F (-18° C - 65° C)
<b>Storage Temperature</b>	- 40° - 185° F (- 40° C - 85° C)
<b>Operating Humidity Range</b>	10% - 90% Relative Humidity
<b>Physical Dimensions</b>	6.25" L x 6.5" W x 4.25" D
<b>Weight</b>	2.17 Lbs
<b>Pressure Ports</b>	5mm Barb Will Accept Plastic Tubing with 1/8" - 3/16" Inside Diameter

### Limited Warranty: One Year, Parts and Labor

The HEPA-CARE Room Pressure Monitor is warranted by Abatement Technologies (AT) to the original user against defects in materials and workmanship for a period of one year from the date of purchase. Our only obligation shall be, at our option, to repair or replace the defective component(s) or make a suitable adjustment for such defect(s) upon timely notification thereof, provided the system has been used, handled, and maintained in accordance with these operating instructions. We make this warranty to the commercial user in lieu of warranties of merchantability, fitness for particular purpose, and all other warranties, expressed or implied.

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