

NSGV 90DM3A INFRARED CO2 GAS MONITOR SPECIFICATION

GENERAL DESCRIPTION: The **90DM3A** Monitor incorporates a unique infrared sensing technology and state of the art microprocessor controlled digital transmission into a CO2 gas monitor. This offers a level of precision and efficiency that provides a safe working environment in parking garages, warehouses, manufacturing facilities, shops, etc. Once the 90DM3A recognizes unsafe CO2 levels, a signal closes a relay to the fan. There is a visual and audible alarm. The fan shall run until a safe level is reached, eliminating the unnecessary cost and fan wear associated with the fan running all day. This type of system normally has a very short pay-back.

TECHNICAL CHARACTERISTICS:

- Proven Infrared Technology
- Specific CO2 Monitoring
- Built-In Microprocessor
- Temperature Compensator
- Trouble-Free Operation
- Menu Driven Easy Calibration
- Optional Relay Contact Closure (fail safe)

SUGGESTED SPECIFICATION

The **90DM3A** Monitor shall be programmed to detect CO2 through infrared sensing technology and a microprocessor controlled digital transmission. Sensor shall be UL and CSA certified.

Gas Detected:	CO2
Detection Range:	0-200 PPM
Power:	17 - 27 VAC, 24 – 38 VDC, 200 ma
Relay Output Rating:	5A, 30 Vdc or 250 Vac (resistive load)
Outputs:	4-20 mA or 0-5 Vdc or 0-10 Vdc
Factory Set Calibration:	Office – 850 PPM / Industrial – 5000PPM
Accuracy:	+/- 3%
Display:	LCD
Operating Environment:	32° to 100°F / 0 to 95% Relative Humidity, (non-condensing)
Size:	5 1/4" x 3 1/2" x 2"
Shipping Weight:	1 pound

The **90DM3A** CO2 Monitor shall be a standard product of National System of Garage Ventilation (NSGV) in Decatur, IL or approved equal.

<p style="text-align: center;">National System of Garage Ventilation 714 N. Church St. / P.O. Box 1186 Decatur, IL 62525 (217)423-7314 / (800)728-8368 / (fax)(217)422-5387 NSGV.com JMDILLIGAF@aol.com</p>
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