



Manufacturing Co, Inc
Serving Since 1972

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Mark II Methane Gas Detector



**Protects life, property and profits
against Methane gas explosions**
**Monitors Methane (CH₄),
and Natural Gas**

MADE IN THE UNITED STATES OF AMERICA

features

- Continuous monitoring of Methane gas levels
- Automatic Exhaust fan operation
- An 80-db warning alarm, and remote exhaust fan with alarm activation
- LED status display
- Reliable, highly sensitive, highly stable, solid state sensor
- Simple Installation
- Long operating life

benefits

- Protects against fire and explosions
- Inexpensive protection for your property and employees
- Decreases electricity costs as a result of controlled exhaust fan operation
- Insurance premium reduction may be realized
- Reduces air conditioning and heating costs as a result of controlled fan operation
- Reliable, uninterrupted 24/7 monitoring and control
- Simple operation

The Methane gas detector protects rooms and other locations where Methane gas can accumulate by monitoring gas levels. Concentrations of 5% to 15% mixed with air can be explosive. Sparks or hot surfaces can ignite them. The Methane gas detector will provide a warning and facilitate dissipation of the Methane, by operating alarms and exhaust fans before it reaches the lower explosive limit of 5%.

In addition to protecting your property and employees, cost savings are also realized. Insurance premiums may be reduced as a result of a Methane gas detector installation. Electricity costs decrease as a result of controlled exhaust fan operation rather than continuous fan operation. Air conditioning and heating costs are also reduced as a result of the controlled fan operation.

Two models are available: AC or DC, Optional accessories include steel junction box for mounting on wall or ceiling, remote panel for eye level placement, and modular cable for connecting the remote to the detector.

technical specifications

DIMENSIONS (LXWXH)

Height 7 inches (17.8cm)

Depth 2 1/2 (5.5 cm)

Width 4 3/4 inches (12.0cm)

Weight 1 lb. (.5kg)

MOUNTING

Four 3/16-inch screws for wall or Junction box

WARRANTY

Five year warranty

Models & Part Numbers

AC

- 099501 MGD-DR Mark 2 85 to 265 VAC 50/60 Hz

DC

- 099502 MGD-DR Mark 2 17 to 60 VDC
- 099503 MGD-DR Mark 2 12 VDC

Accessories

- 099133 Mimic Panel, single, w/buzzer (remote)
- 099135 Mimic Panel, double. w/buzzer
- 099136 Mimic Panel, triple, w/buzzer
- 099137 Mimic Panel, single, (no buzzer)
- 099117 25 Foot Interconnect Cable
- 099128 Interconnect Cable, Custom Length up to 1000'

- 099127 Junction Box



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products and services.

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You can expect

- Innovative products
- Reliable, high quality, trouble-free products
- Ongoing and dependable support and services
- Superb customer reponse
- Tradition of technical expertise
- Over 30 years of delivering products to satisfy your needs