

# GAS DETECTION **Macurco**



## Protection Prevention & Value

Fixed gas detection equipment for residential and commercial applications.



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## **Detectors for use with Fire and Security Systems**

The Macurco CM-E1, GD-2B, GD-2A and HD-11 are low voltage detectors designed for use with Fire and Security Systems. The CM-E1 and GD-2A are UL 2075 Listed for use in residential and commercial applications and are also approved by the California State Fire Marshal.

### **CM-E1 Carbon Monoxide Detector**



Provides Carbon Monoxide Detection in residential, multi-family and commercial office environments - UL Listed, CSFM Approved

- 9-32 VDC input
- Flush or Surface Mount Enclosure
- N.O. or N.C. Alarm Relay, N.C. Trouble/Supervisory relay
- Coverage Area: 900 sq. ft.
- Optional CME1-IAK allows easy replacement of earlier Macurco Models



### **GD-2B Combustible Gas Detector**



Provides Combustible/Heating Gas Detection in residential, multi-family and commercial office environments

- 9-32 VDC or VAC input
- Flush or Surface Mount Enclosure
- N.O. or N.C. Alarm Relay, N.C. Trouble/Supervisory relay
- Coverage Area: 900 sq. ft.
- Alarm Setting 25% of LEL per UL 2075

### **GD-2A Combustible Gas Detector**



Provides Combustible / Heating Gas Detection in residential, multi-family and commercial office environments - UL Listed, CSFM Approved

- 12-24 VAC or VDC input
- Flush or Surface Mount Enclosure
- SPDT Alarm Relay, N.C. Trouble/Supervisory relay
- Coverage Area: 900 sq. ft.
- Alarm Setting 25% of LEL per UL 2075



### **HD-11 Hydrogen Gas Detector**



Provides Hydrogen Gas Detection in battery charging rooms including: golf courses, warehouses, auto maintenance facilities and renewable energy applications

- 12-24 VAC or VDC input
- Flush or Surface Mount Enclosure
- SPDT Alarm Relay, N.C. Trouble/Supervisory relay
- Coverage Area: 900 sq. ft.
- Alarm Setting 10% of LEL H2



## Products for Ventilation Control and for use with HVAC Systems

Macurco commercial products are designed to meet OSHA and IBC standards as well as other local codes for Carbon Monoxide (CO), Combustible Gases and other Toxic Gas detection. The Macurco 6-Series: CM-6, GD-6 and TX-6 can be used as stand-alone detectors or can be integrated with the Macurco DVP-120 Control Panel or HVAC and Fire/Security Systems. For use in Parking Garages, Warehouses and other Commercial Buildings, these products are all ETL Listed. The DVP-120 and the CM-6 are also LADBS Approved for use in Los Angeles, CA.

### DVP-120 Detection and Ventilation Panel



Provides automatic control, when used with Macurco transducers, to help maintain acceptable levels of various gases in parking garages, warehouses and other commercial facilities – ETL Listed, LADBS Approved

- 90-250 VAC input
- 12 analog (4-20mA) input channels.
- Three 10A SPDT Fan / Alarm Relays
- Two 24VDC drivers for Horn / Strobe
- Coverage Area: Up to 60,000 sq. ft.
- External display show system and sensor status



### Macurco 6-Series Detector, Controller and Transducer



The Macurco 6-Series detectors provide automatic control to help maintain acceptable levels of CO, Combustible Gases or Toxic Gases in parking garages, warehouses and other commercial facilities - Can be used as stand-alone detectors and controllers and as analog transducers for use with the DVP-120 and other systems – ETL Listed

- 12-24 VAC or 12-32 VDC input
- 5A SPDT Fan control relay
- 0.5A N.O. or N.C. Alarm Relay
- Selectable Fan and Alarm Relay Actuation Settings
- Digital Display, Internal Buzzer



#### CM-6 Carbon Monoxide

- LADBS Approved
- Digital Display 0-200 ppm CO
- Coverage Area: 5000 sq. ft.



#### GD-6 Combustible Gases

- Selectable Target Gas: Methane, Propane or Hydrogen
- Digital Display 0-50% LEL
- Coverage Area: 900 sq. ft.



#### TX-6 Toxic Gases

- TX-6-ND for Nitrogen Dioxide (NO<sub>2</sub>), 0-20 ppm, 5000 sq. ft.
- TX-6-HS for Hydrogen Sulfide (H<sub>2</sub>S), 0-50 ppm, 900 sq. ft.
- TX-6-AM for Ammonia (NH<sub>3</sub>), 0-100 ppm, 900 sq. ft.



# MACURCO

Gas Detection Experts



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