

CM150-Carbon Monoxide Detector

CM150s are solid state devices specifically designed for protection from carbon monoxide hazards. The CM150 is very specific to carbon monoxide to avoid nuisance alarms. All CM150s can operate on either 12 or 24VAC or 12-24VDC power from stand-by or uninterruptible power sources. The CM150 consumes 1 to 1.5 watts and mounts in a standard four inch square electrical box (not provided). One CM150 will cover approximately 5000 feet and should be mounted four to five feet above the floor. Two alarm relays are provided, first alarm relay can be used for exhaust fan control. The CM150 meets the Uniform Building Code for enclosed garages and meets or exceeds UL 2034 standard and OSHA standards for carbon monoxide exposure.

Carbon monoxide exposure : ppm CO vs time				
	200ppm	100ppm	50ppm	35ppm
1st alarm	5 min	5 min	5 min	5 min
2nd alarm	10 min	30 min	none	none
UL 2034 std.	35min	90 min	no std	no std
OSHA std.	no std.	no std.	8 hr TWA	no std.
UBC std.	60 min	no std.	8 hr TWA	no std.



Features

- Carbon monoxide specific, avoids nuisance alarms
- Wide input voltage range
- Simple installation and operation
- Meets UBC for enclosed garages
- Meets or exceeds UL2034 and OSHA std
- Sealed alarm contact N/O
- Micro computer controlled, supervised system

CMI50 Technical Data

Operating Environment	0°F to 125°F 10% to 90% RH
Altitude	-350ft. to 15,000ft.
Storage Temperature	-20°F to 140°F (-29°C to 60°C)
Dimensions	4.5"W x 2.0"H x 4.5"D 114mmW x 51mmH x 114mmD
Weight	1.0 lbs. (.45kg)
Electrical Input	12-24VAC/VDC @ 200mA
Mounting	Vertical or horizontal
Alarm Contacts Rating	Fan Relay 5 amp, 240VAC pilot duty, SPST Alarm Relay 0.5A @ 200VAC, N/O



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