

Model 12-24SIR Carbon Monoxide (CO) System Detector





Listed Underwriters Laboratories

Standard 2075

Power Input

Alllows for input of 12 or 24 Vdc

False Alarm Resistant

See Lawerence Berkley National Laboratory Report 40566

Low Current Draw

Standby 60 microamps Trouble or Alarm 25 milliamps

6-Year limited warranty

From date of manufacture

Microprocessor Control

Continuously self-tests every 10 minutes. Supervises sensor and alarm circuit status.



Two Alarm Relays

Non-Latching Form "C", 0.1A-30Vdc Automatic reset with dual relays



CarbonMonoxide(CO)System Detector

Operating-Storage: Detection Technology: Sound Output: Power Source: Field Wiring: Alarm-Trouble Relay : Mounting Location: Unit Dimensions:

TECHNICAL SPECIFICATIONS

40° F to 100° F (4.4° C to 37.8° C); 15% to 95% RH Solid-state Infrared (SIR) sensor with reservoir system 85 dB @ 10 feet 12 or 24Vdc Nominal, operating voltage range 10-28 V 14-22 AWG Contact Rating: Form 'C', 0.1A-30Vdc non-latching Wall or Ceiling 5" diameter, 1.75" height

ALARM RESPONSE TIMES

CO LEVELS 30 parts per million 70 parts per million 150 parts per million 400 parts per million

RESPONSE TIME No Response for 30 days Within 60 to 240 minutes Within 10 to 50 minutes Within 4 to 15 minutes

ALARM SIGNALS

NORMAL: Red LED flashes every 30 seconds indicating that the alarm is powered. Flashing Red LED and pulsating horn. ALARM: TROUBLE/SERVICE: Red LED flashes twice and horn "beeps" once every 30 seconds. TEST: One chirp, then Red LED flashes 4 - 5 times followed by 2 alarm signals.

PACKAGES			
Description	Quantity	Weight	Dimension
COSTAR [®] Model 12-24SIR System CO Detector	12	7 lbs.	11″L x 11″W x 6″D
	48	28 lbs	22.25″L x 10.1″W x 12″D



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