



PRODUCT

# 4MDCO

## Mains Carbon Monoxide Alarm with Digital Display

DESCRIPTION

Mains-powered carbon monoxide alarm with digital display and non-replaceable, sealed-in Lithium cell for seven years of continuous protection, that can be interconnected with up to 17 other Kidde and Firex mains alarms.

KEY FEATURES

- **Interconnectable** with other Kidde and Firex mains smoke, heat and CO alarms on a single wiring network using 'Smart Interconnect' technology
- **Digital display** provides early warning of intermittent and low CO levels and clearly shows FIRE or CO when used with other Kidde Smoke and Heat alarms
- **Peak Level memory** identifies CO problems when the property is unoccupied
- **Monitors the air** every 15 seconds for the presence of carbon monoxide
- **Tamper-resistant locking device** prevents unauthorised removal without the use of a tool
- **End-of-life warning** after 7 years from initial power-up
- **Test/Reset button** to allow regular testing of alarm function
- **3 LED's** – Power, Alarm and Fault LED indication
- **Rechargeable Lithium cell** provides battery back-up in the event of mains failure

WHERE TO USE

Ideal for new builds, major refurbishments of existing properties or complete re-wiring projects and can be wall or ceiling mounted, and requires installation by a professionally qualified electrician. Complies with UK Building Regulations for new housing and associated standards (BS EN 50292 code of practice).

GENERAL FEATURES

Model	<b>4MDCO</b>
Power Supply	<b>230V mains</b>
Temperature Range	<b>-0°C to +40°C</b>
Humidity Range	<b>5%-95% relative humidity (RH) non-condensing</b>
Storage and Transport	<b>-20°C to +60°C and 5–95% relative humidity (RH) non-condensing</b>
Alarm Dimensions	<b>147 x 147 x 42mm</b>
Alarm Weight	<b>350g</b>
Warranty	<b>6 years</b>
Approvals	<b>BSI certified to BS EN52091:2010</b> <b>CE tested and certified</b>



EN50291: 2010  
Licence no: KM98848

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POWER SOURCE

230V mains

SENSOR TYPE

Electrochemical

TECHNICAL SPECIFICATION

<b>Sensor</b>	Electrochemical with de-ionised water electrolyte, sampling once every 15 seconds
<b>Button Test</b>	Simulates the effect of CO at the sensor, checks electronics and sounder
<b>Supply Voltage</b>	230V AC, 50 Hz (nominal UK voltage)
<b>Audible Alarm</b>	85 dB at 3 metre
<b>Power Consumption</b>	Maximum 30mA
<b>Connection</b>	To be in accordance with the latest IEE Regulations, BS7671, via a supplied cable harness
<b>Battery Back-up</b>	8.2V integral rechargeable Lithium battery
<b>Sound Output</b>	85dB (A) minimum at 3 metres
<b>Alarm Sounder</b>	Electronic piezo-electric sounder (T4 pattern sound - four pulses - space - four pulses)
<b>Wiring</b>	To be in accordance with the latest IEE Regulations, BS7671, via supplied cable harness
<b>Alarm Response</b>	30PPM = no alarm within 120 minutes 50PPM = must alarm within 60-90 minutes 100 PPM = must alarm within 10-40 minutes 300 PPM = must alarm within 3 minutes
<b>Replacement</b>	7 years after commissioning
<b>Optional Pattresses</b>	SMK23 Surface Pattress can be used if necessary

PACKAGED SPECIFICATION

	<b>BOX</b>
Order Code	<b>4MDCO</b>
Pack Dimensions	<b>150 x 150 x 50mm</b>
Pack Weight	<b>450g</b>
UPC Barcode	<b>0-047871-061037</b>
Case Quantity	<b>3</b>
Case Dimensions	<b>160 x 165 x 160mm</b>
Case Weight	<b>1.4Kg</b>
ITF Outer Code	<b>100-47871-061034</b>

