



PRODUCT

# 4MCO

## Mains Carbon Monoxide Alarm

DESCRIPTION

Mains-powered carbon monoxide alarm with 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
- **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
- **Rechargeable Lithium cell** provides 7 years of continuous operation in the event of mains failure

WHERE TO USE

This Kidde hard wired carbon monoxide alarm is 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>4MCO</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>

CE tested and certified



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 one 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>	230V AC; 50Hz; 30mA max per alarm
<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>	30 PPM = no alarm within 120 minutes 50 PPM = 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>4MCO</b>
Pack Dimensions	<b>150 x 150 x 50mm</b>
Pack Weight	<b>430g</b>
UPC Barcode	<b>0-047871-061020</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>100-47871-061027</b>

