



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

CE tested and certified



EN50291: 2010
Licence no: KM98848

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POWER SOURCE

230V mains

SENSOR TYPE

Electrochemical

TECHNICAL SPECIFICATION

Sensor	Electrochemical with de-ionised water electrolyte, sampling one every 15 seconds.
Button Test	Simulates the effect of CO at the sensor, checks electronics and sounder
Supply Voltage	230V AC, 50 Hz (nominal UK voltage)
Audible Alarm	85 dB at 3 metre
Power Consumption	230V AC; 50Hz; 30mA max per alarm
Connection	To be in accordance with the latest IEE Regulations, BS7671, via a supplied cable harness
Battery Back-up	8.2V integral rechargeable Lithium battery
Sound Output	85dB (A) minimum at 3 metres
Alarm Sounder	Electronic piezo-electric sounder (T4 pattern sound - four pulses - space - four pulses)
Wiring	To be in accordance with the latest IEE Regulations, BS7671, via supplied cable harness
Alarm Response	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
Replacement	7 years after commissioning
Optional Pattresses	SMK23 Surface Pattress can be used if necessary

PACKAGED SPECIFICATION

	BOX
Order Code	4MCO
Pack Dimensions	150 x 150 x 50mm
Pack Weight	430g
UPC Barcode	0-047871-061020
Case Quantity	3
Case Dimensions	160 x 165 x 160mm
Case Weight	1.4Kg
ITF Outer Code	100-47871-061027

