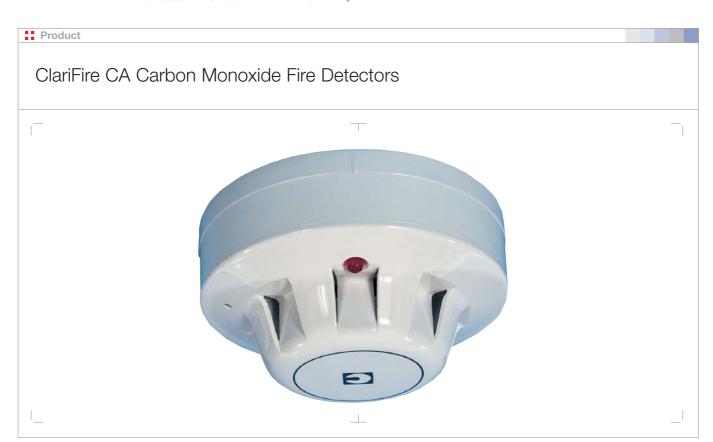
## Chubb ClariFire CA Carbon Monoxide

#### **Fire Systems**

Prevent Fire | Detect Fire | Contain Fire | Escape Fire



### System Benefits

Carbon monoxide (CO) fire detectors are electronic detectors used to indicate the outbreak of fire by sensing the level of carbon monoxide in the air. CO fire detectors can be used to supplement smoke detection in areas where the main risk is smouldering fires and, in areas where optical detectors are deemed unsuitable due to the risk of false alarms.

#### **Operating Principles**

Carbon-based materials in the smouldering stage of a fire can produce significant levels of carbon monoxide. Carbon monoxide detectors contain an electrochemical cell that senses carbon monoxide and will therefore give an early warning of fire.

#### **Supplement to Standard Detection Devices**

Carbon monoxide detectors do not detect smoke or any other combustion products and are not universal replacements for smoke detectors.

#### **Resistance to False Alarms**

Carbon monoxide detectors are less susceptible than smoke detectors to false alarms from sources such as toast, steam, cooking, plumbing work and hair spray.

#### **Application**

Typical applications include hotel bedrooms, halls of residence, sheltered accommodation and hospital wards.

#### Limitations

Carbon monoxide detectors are set to a higher sensitivity than the maximum allowed by the domestic carbon monoxide alarm standard. They will respond to carbon monoxide from faulty gas appliances or vehicle exhausts. CO detectors give a poor response to life threatening flaming fires.



# Chubb ClariFire CA Carbon Monoxide

	ClariFire CA	
	Carbon Monoxide Detector	
Power		
Supply Voltage (VDC)	14 - 28	
Current Consumption		
Quiescent current (micro amps)	500 average	
Alarm current (ma)	3.5	
Alarm indication	Dual Red LED	
Physical		
Diameter	100	
Height with base (mm)	50	
Weight (grams)	105	
Colour	White	
Case material	Polycarbonate	
Environment		
Operating Temp (°C)	Continuous 0 to +40	
Operating Humidity	15% to 90% relative humidity	
Cell Life	7 Years	
Max wind speed (m/s)	Unaffected	
Radioactive source	N/A	
I/P Rating	43	
Approvals		
Approvals standard	EN54-7	
LPCB approved	No	
Part Numbers		
Carbon Monoxide Detector	F850542N	
	F850254N	
Sensor Base - Type CA	F030234IN	

## **Chubb Fire, helping you to:**

Prevent Fire | Detect Fire | Contain Fire | Escape Fire

call 0800 32 1666 or visit www.chubb.co.uk

**C**hubb