resideo

Carbon Monoxide (CO) Alarm

R100C-1

R100C-1 to protect your family

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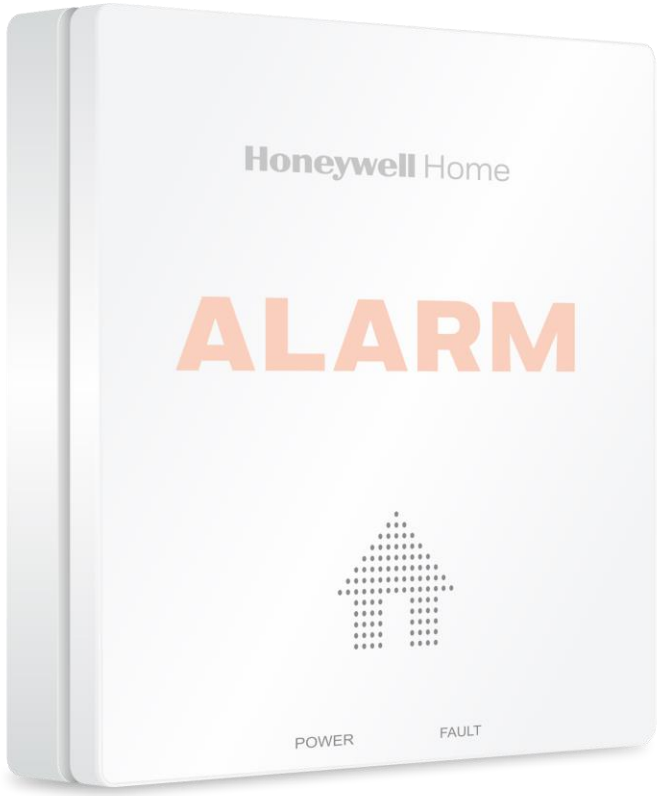
R100C-1 to protect your family



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R100C-1 to protect your family

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Carbon Monoxide (CO) in Residential Accommodation

CO is produced by the incomplete burning of Carbon-based fuels such as gas, coal, oil and wood.

CO can be produced by any device that is not burning correctly or a device that has a blocked flue, meaning that all faulty cooking appliances, heating appliances, petrol generators and vehicle engines can pose a potential threat.

Any person or animal sharing an environment with a faulty appliance is at risk.

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Features & Benefits

Alarm levels

50 ppm (Parts per million)	> 60 – 90 mir
100 ppm	> 10 – 40 min
300 ppm	> 3 min

Red “ALARM” for hearing-disabled

Visual and audible warning message.

Night mode

This is an automatic brightness adjustment of the green POWER light.

Reduced sound level test

Reduced the sound level to protect your hearing. Full sound level by keeping the button pressed

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Features & Benefits cont…

Super slim design

At just 25mm, this is the thinnest CO alarm on the market, making it compact and beautifully designed to fit into any home.

IP44 grade water & dust proof

The IP44 protection classification means that you can install the device in locations, such as conservatories, sheds, and covered patios, where there may be damp or dusty conditions.

Easy touch button

The whole surface of the R100C-1 is the TEST/MUTE button, making it much easier to use.

10-year lifespan battery

With a 10-year lifespan battery, our R100C-1 alarm comes with peace of mind, and a cost-saving against other, less reliable alarms.

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Features & Benefits cont…

Tamper-proof

Our R100C-1 alarms all have sealed batteries which cannot be removed by the end user. Also, once installed, a tool (screwdriver) is required to remove the alarm.

End-of-life signal

The EN standard for CO alarms therefore requires all CO alarms to have an end-of-life signal, which is implemented on all Honeywell Home CO alarms

Alarm memory (end user)

If your alarm is triggered whilst you are out, the Memory function will keep the Red Light flashing

Sensor Lifespan

Electrochemical Cell Sensor technology.
This device comes with 10-year sensor lifespan.

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Features & Benefits cont…

Fault hush

The Fault Hush allows you to mute the sounder for 12 hours, giving you time to address the fault. This period can be extended several times,

Maintenance free operation

This device comes with 10 years lifespan batteries, with no additional cost for replacement parts or labour to fit them.

Alarm hush

When you have the situation under control. Pressing the Alarm Hush button on the unit will mute the sounder for a couple of minutes.

BS Kitemark

BS EN 50291-1:2018 Standard
BS EN 50291-2:2019 Standard

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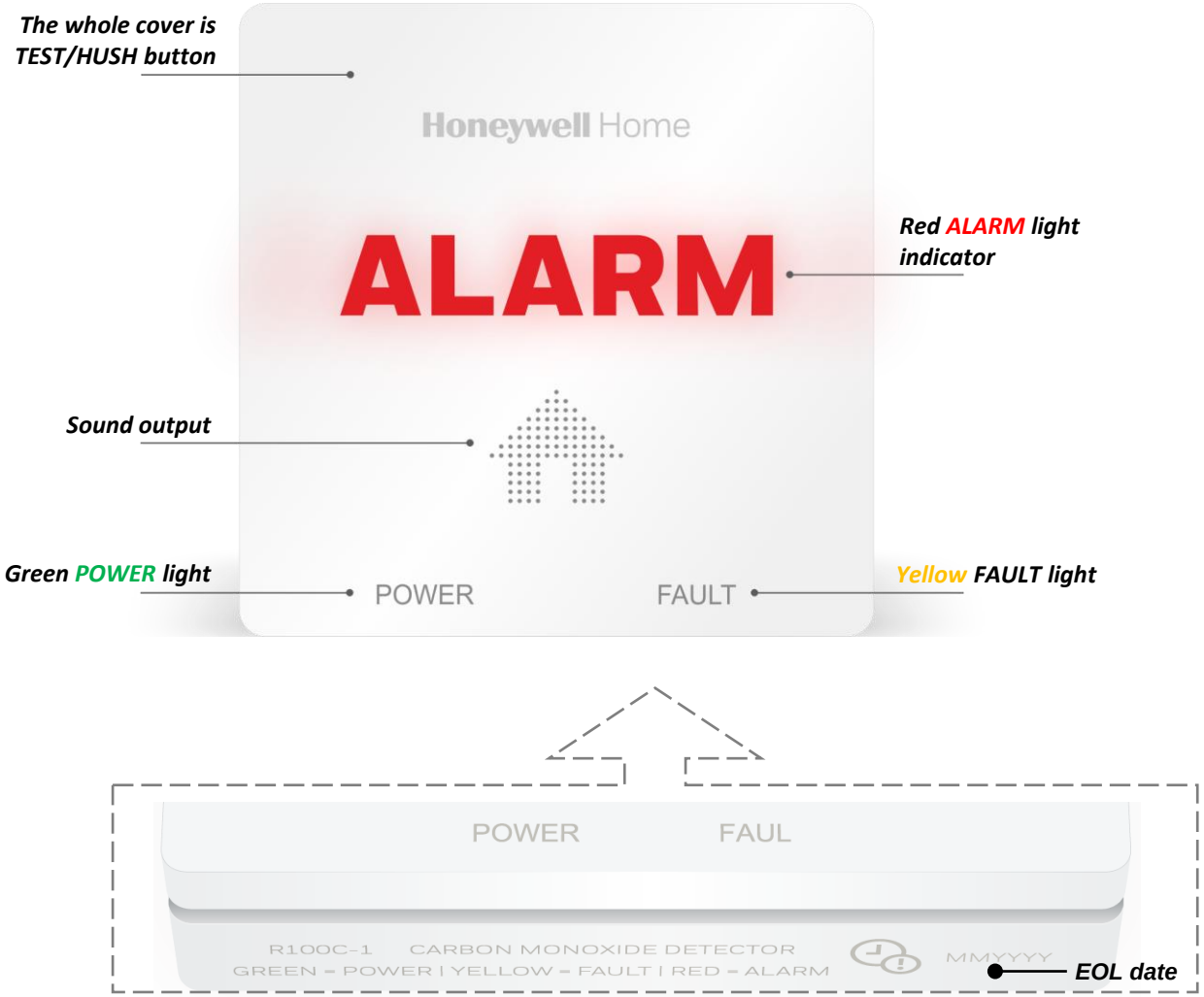
Understand your CO alarm?

The green **POWER** light flashing indicates that the unit is activated and working normally.

The red **ALARM** light flashing indicates that a dangerous CO condition has been detected.

The yellow **FAULT** light flashing indicates that the unit is out of order.

The TEST/HUSH button is used tot test the unit, mute an alarm or fault signal.



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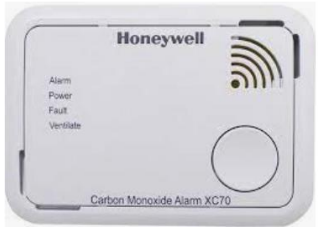
Competition comparison

	XC70	R100C-1	Comparison		XC100	R100C-1	Comparison
Housing							
Product Dimension	100 mm x 72 mm x 36mm	95 mm x 95 mm x 25mm	15% smaller		100 mm x 72 mm x 36mm	95 mm x 95 mm x 25mm	15% smaller
Test button	Right corner	Whole front face	Easier to test		Right corner	Whole front face	Easier to test
Sensor life (years)	7	10	43% longer life		10	10	
Battery life (years)	7	10	43% longer life		10	10	
Visual notification	No	Yes	Improved safety		Yes	Yes	
BSI/Kite mark	?	Yes	Improved security		?	Yes	Improved security

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