

AERIS 546/C0

MADE IN ITALY

BATTERY POWERED CARBON MONOXIDE ALARM



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ALARM

ELECTROCHEMICAL CELL

GECA IS A LEADING MANUFACTURER OF INDUSTRIAL AND COMMERCIAL GAS DETECTION SYSTEMS. GECA HAS USED ITS GAS DETECTION EXPERTISE TO DEVELOP THE NEW RESIDENTIAL CO ALARM.

- SENSOR LIFE: **>6 YEARS**
- BATTERY LIFE: **>6 YEARS**



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TECHNICAL SPECIFICATION:

Detection Principale	Electrochemical Cell
Self test	Every 10 Minutes
Life time	> 6 years
Operating Temperature	-10°C / +45°C
Humidity	15-90% - non condensing
Approval	According to EN50291-1:2010
Ip Rating	IP42
Power Supply	2 X AA - 1,5 V battery
Visual Indicator	Power: Green / Alarm: Red / Fault: Yellow
Audiable	> 80 dB
Button	Test & Hush
Others compliances	RoHs - REACH

ALARM LEVELS

EN50291 defines the CO level, at which the device must and must not go into alarm. The higher the CO concentration, the quicker the device will give an alarm. This is based on the fact that the poisoning impact of CO is determined by CO concentration and exposure time. The alarm points ensure that the user is always warned when critical situations occur.

The alarm levels are:

- **50 ppm:** Alarm between 60 and 90 minutes
- **100 ppm:** Alarm between 10 and 40 minutes
- **300 ppm:** Alarm within 3 minutes.

CO CONCENTRATION	WITHOUT ALARM BEFORE	WITH ALARM BEFORE
30 ppm	120 minutes	-
50 ppm	60 minutes	90 minutes
100 ppm	10 minutes	40 minutes
300 ppm	-	3 minutes



**SAVE
YOUR LIFE**