

INSAFE+⁺ AIR

Carbon monoxide detector
Indoor air quality monitor



■ TECHNOLOGY

- > 2-in-1 carbon monoxide detector and indoor air quality analyser
- > Proprietary algorithm analyses air quality in real time

■ SMART HOMES

- > A wide range of smart home / smart building compatible wireless protocols
- > Integrates into connected environments with a number of custom features: design, colour, serigraphy.

■ RELIABILITY

- > Each detector is tested individually before it goes on sale
- > Electrochemical CO detector with a 10-year service life

■ BATTERY LIFE

- > Low maintenance: 10-year battery life for the product and wireless connection
- > 10-year return on investment - quicker ROI than most carbon monoxide detectors on the market

■ DESIGN

- > Elegantly designed detector that blends in with any decor
- > Discreet and compact: INSAFE+ Air is only 3 cm thick



Long ten-year battery life*

CARBON MONOXIDE DETECTOR

■ GENERAL CHARACTERISTICS

Operating principle

Carbon monoxide detection via electrochemical sensor

Acoustic power: > 85 dB at 1 m

Operation indicator

- > Green LED: working
- > Orange LED: fault indicator
- > Red LED: carbon monoxide warning

■ BASIC FEATURES

- > CO alarm
- > Fault alarm
- > Low battery indicator
- > End-of-life warning
- > Manual detector test
- > Functional self-test (every 3 min.)
- > Pause detector (5 min.)
- > Pause low battery warning (8 hr.)

■ ADVANCED FEATURES

- > Device status
- > Keepalive feature
- > CO measurement log
- > Detector maintenance log
- > Residual battery life

INDOOR AIR QUALITY ANALYSIS MONITOR

■ GENERAL CHARACTERISTICS

Operating principle

- > Combination of temperature and humidity sensors analyses the hygrothermal comfort of your home
- > Combination of temperature, humidity and carbon monoxide sensors analyses indoor air quality

■ BASIC FEATURES

- > Temperature. Resolution : 0,2°C
- > Humidity. Resolution : 1% RH
- > Measurement of carbon monoxide: 0 - 1000 PPM

■ ADVANCED FEATURES

- > Hygrothermal comfort indicator (3 levels)
- > Air quality indicator on (4 levels)
- > Recommendations to improve comfort and air quality
- > Detector in living areas
- > Temperature, humidity and CO log
- > Device status
- > Residual battery life

* Battery included. See user manual

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■ CONNECTIVITY CHARACTERISTICS

Wireless protocol

- > EnOcean
 - > Zigbee
 - > Z-Wave
 - > KNX
 - > Sigfox
 - > Lora
 - > WM-Bus
- Other wireless protocols studied on request

Connection

- > Product data directed to dedicated IoT management platforms

■ PHYSICAL CHARACTERISTICS

Power supply

- > Integrated and sealed lithium batteries

Battery life: 10 years *

Electrochemical sensor service life: 10 years

Dimensions: L 105 mm x W 105 mm x H 30 mm

Net weight: 150 g (including battery and base)

Conditions of use

- > Indoor household environment
- > Temperature : -10°C to + 40°C
- > Relative humidity: from 15% RH to 95% RH

Type of mounting:

Wall-mounted, or standalone using removable base (included)

■ ARTICLE REFERENCE

INSAFE+ Air

■ CONTENT OF THE BOX

- > 1 INSAFE+ Air device
- > 1 wall-mount bracket
- > 1 standalone installation bracket
- > 2 screws and nylon wall plugs
- > 1 instruction manual

■ CERTIFICATION

CE Certificate

■ STANDARD

EN 50291

■ WARRANTY

2 years



D454-A_EN Designed in France

EN50291 - 1 : 2010
EN50291 - 1/A1 : 2012