

TALK ALERT - CO AND FLAMMABLE GAS DETECTOR

CEILING MOUNTED

PRODUCT BROCHURE

MAQ-HD3100

PRODUCT DETAILS

- Specifically designed for nursing homes and kitchen areas
- Detects ambient carbon monoxide levels and flammable gases in real time
- Voice alerts when dangerous levels are detected
- Voice alert for low backup battery
- Works on 240VAC and has a battery backup
- Designed for easy installation and minimum maintenance during operation
- The highest performance at the lowest price

APPLICATION

- Nursing homes, hotels, bedrooms, dormitories
- Kitchen and restaurants
- Places where un-flued heaters are used
- Car repair workshops, loading docks and other places where air quality could possibly worsen

FEATURES

- Ceiling mounting, CO measuring range of 0~300ppm
- Long life electrochemical CO sensor and industry proven semiconductor based flammable sensor
- Long term stability and high accuracy
- CO sensor is environmentally friendly without risk of any electrolyte leakage
- Simple calibration through interface
- Built-in Self-Zero Correction algorithm



SPECIFICATIONS

Target Gases	Carbon monoxide and flammable gases, natural gas (CH ₄) Carbon monoxide and flammable gases, natural gas (CH ₄)
Sensing Element	Electrochemical sensor (CO), Flammable gases (Catalytic)
Gas Sample Mode	Diffusion
Warm Up Time	1hour (cold start)
Response Time	< 60 seconds
Alarm Sound	≥85dB at 3m
Alarm Mute	Through the push button in the center
Display	Intuitive analog and Digital display shows gas value and sensor fault Display alternates between CO and LEL values
CO Measuring Range	0~300ppm
CO Alarm Voice Alerts	At 30 ppm, alarm within 120 mins (Voice alert) At 50 ppm, alarm within 60 ~ 90 mins (Voice alert) At 100 ppm, alarm within 10 ~ 40 mins (Voice alert) At 300 ppm, alarm within 3 mins (Voice alert)
Stability	±5% (over 900 days)
Accuracy	<±1ppm (at 20±5°C/ 50±20%RH)
Flammable Measuring Range	0-100%LEL
Accuracy	<±5% of full scale (at 20±5°C/ 50±20%RH)
Stability	±5% (over 365 days)
Natural Gas Alarm Alert	7%LEL
Electrical	
Power Supply	240VAC with 3 x AA back up batteries (not supplied)
Consumption	6W maximum
Wiring Connections	240VAC plug pack supplied
General Performance	
Operation Temperature	0-50°C
Operation Humidity	5-99%RH, non condensing
Storage Conditions	0-50°C
Net Weight	190g
Dimensions	Ø107mm×44mm
Installation	Ceiling mount twist lock with supplied bracket
Housing and IP class	PC/ABS fire-retardant plastic, protection class: IP30

MODEL GUIDE

Model	Description
MAQ-HD3100	Carbon monoxide and Natural gas detector with smart display and talk alert function