



ML-310ES DeNova Detect 6-Year Battery-Powered Natural Gas Alarm

Revolutionary Sensing Technology Enables Superior Features and Performance

- **10% LEL gas alarm threshold** alerts you to emergencies much sooner with 11 minutes more alert time on average than a 25% LEL gas alarm threshold, validated by Fire & Risk Alliance
- **Virtually eliminates nuisance alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, etc. validated by GTI testing
- **Micro-Electro Mechanical System (MEMS) sensor technology** provides accurate and faster Methane gas detection than other sensors. Includes internal self-diagnostics. No calibration needed
- **6-year battery and product service life**
- **Battery-Powered device** enables installation close to ceiling (where natural gas is more accurately detected, as natural gas is lighter than air and rises towards the ceiling) without the need for a cosmetically displeasing cord
- Operates in temperatures ranging from **32°F to 122°F** and a **humidity range of 5% to 95% RH**, non-condensing
- Voice alerts in **both English and Spanish** announce warnings

DeNova Detect also offers Natural Gas Alarms that seamlessly integrate with the LoRaWAN network and Itron Advanced Metering Infrastructure (AMI).

Our 10-year Battery-Powered Natural Gas Alarm is coming soon.

Specifications

Model Number	ML-310ES
Conforming standards	FCC Certified Alarm Listed to UL STD 1484 Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semi-conductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	Gas alarm: 85 dB @ 10 ft
Battery lifetime	Approximately 6 years
Dimensions	W 3.35in x H 3.94in x D 0.87in
Installation	Wall mount with included hardware or pipe mount by cable ties

* LEL, short for "Lower Explosive Limit," is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).



Listed to UL
STD 1484

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DeNova Detect®
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