



807NAS DeNova Detect 7-Year Battery-Powered Natural Gas Alarm

- **10% LEL natural gas alarm threshold** alerts you to emergencies earlier with **11 minutes more escape time** on average than a 25% LEL natural gas alarm threshold – validated by Fire & Risk Alliance
- **Mobile app functionality** provides real-time notification in the event of a natural gas leak. Wireless interconnection between all 807NAS natural gas alarms in the home ensures audible warnings can be heard, regardless of natural gas leak location
- **Virtually eliminates nuisance alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others – validated by GTI testing
- **Micro-Electro Mechanical System (MEMS) sensor technology** provides accurate and faster detection of natural gas than traditional type sensors
- **Self-diagnostics** provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- **7-year battery and product service life**
- **Battery-Powered alarm** mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines. No cord or outlet needed
- Operates in temperatures ranging from **32°F to 122°F** and a **humidity range of 5% to 95% RH**, non-condensing
- **UL 1484** Standard compliant

Integrated wireless communication module enables robust, reliable wireless infrastructure

- **Incorporated Semtech LoRa radio and Silicon Labs SOC (system on a chip)**
- **Proven wireless technology** ensures reliable and secure communications without geographical limitations
- **Multi-layer encryption** protects user data and location from being identified
- **Voice alert:** “Danger – gas leak explosion risk – evacuate, then call 911”

Amazon Sidewalk benefits

- **Alarm and device setup** is simplified
- **Sidewalk is very low power:** WiFi drains batteries more quickly
- **Sidewalk has a wider reach than WiFi;** offers coverage in hard-to-reach locations
- **Alarms are always connected**
- **Sidewalk provides a platform** to protect families from dangerous natural gas explosions

Contact us to learn more at support@newcosmosusa.com

Specifications



| | |
|--------------------------|---|
| Model Number | 807NAS |
| Conforming standards | FCC Compliant Alarm Compliant with 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 | Natural Gas Alarm: 85 dB @ 10 ft |
| Battery lifetime | Approximately 7 years |
| Dimensions | W 3.35in x H 4.53in x D 1.10in |
| Installation | Wall mount with included hardware |

*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).

DeNova Detect®
by New Cosmos USA

www.denovadetect.com