

# SafeAir™ Wireless Carbon Monoxide Alarm

TX-6310-01-1



## OVERVIEW

The SafeAir™ Wireless Carbon Monoxide (CO) alarm accurately and reliably alerts residents of potentially dangerous levels of CO in their home, and sends a CO alarm signal to the Simon XT™ (v1.4 or higher) and CMS. Simon XT also provides detector supervision, by signaling tamper, no signal, low battery, trouble and end-of-life conditions. Featuring the world's most accurate electrochemical CO sensor, the SafeAir CO alarm uses a sophisticated onboard microprocessor to effectively track CO levels over time.

Easily integrating with the Simon XT v1.4 panel, this unit installs quickly and is an ideal option for retrofit applications. Offering 40% longer service life, the SafeAir's self-diagnostics keep the device operating optimally. The detector's small size allows it to blend inconspicuously with any décor, with a smooth contoured design that is compatible with a variety of residential environments.

SafeAir features the SafeTest™ functional test feature for testing with real CO gas, available in small cans. SafeTest fully meets the functional test in NFPA 720, 2009. Maximize your earnings by helping customers make their homes safer and meet new state carbon monoxide detection laws with a wireless carbon monoxide alarm. If your AHJ doesn't currently require CO detectors to be installed in new homes, it's likely just a matter of time. The number of states requiring CO detectors has doubled in the past five years. Meanwhile, the 2009 International Residential Building Code mandates CO detection in all new and remodeled homes.

The Centers for Disease Control and Prevention estimates that each year in the U.S., carbon monoxide claims almost 500 lives, and more than 12,000 people seek medical attention due to poisoning by this colorless, odorless gas. Most, if not all, of these poisonings could be prevented if monitored carbon monoxide alarms were in use.

## STANDARD FEATURES

- SafeTest enables functional testing with canned CO
- Full compliance and listed to ANSI/UL 2034 standard
- Industry-leading 7-year sensor life and 5-year battery life with 3 AA alkaline batteries
- Most reliable and longest life electrochemical sensor
- Tamper, trouble, low battery, end-of-life report to Simon XT v1.4
- Integrated wireless transmitter saves labor and installation time
- Wall tamper switch reduces liability if removed
- Battery-only-powered enables operation during power outages
- Hush for alarm, trouble and battery reduces customer frustration
- Self-diagnostics functionality for optimal performance

# SafeAir™ Wireless Carbon Monoxide Alarm

North America  
T 888-437-3287

Asia  
T 852-2907-8108  
F 852-2142-5063

Australia  
T 61-3-9239-1200  
F 61-3-9239-1299

Europe  
T 32-2-725-11-20  
F 32-2-721-40-47

Latin America  
T 561-998-6100  
F 561-994-6572

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## Specifications

### Description

Compatible panels	Simon XT™ (firmware 1.4 or greater) from UTC Fire & Security
Power	3 AA batteries
Battery type	1.5 VDC alkaline
Battery life	5 years
Required batteries	Duracell MN 1500, Duracell MX1500, Energizer E91
Sensor	Electrochemical
Sensor life	7 years
Frequency	319.5 MHz
Supervisory interval	64 minutes
Audible alarm	Temporal 4
Alarm response times	70 PPM = 60–240 min. 150 PPM = 10–50 min. 400 PPM = 4–15 min.
Dimensions	4.68 x 2.75 x 1.85 in. (119 x 70 x 47 mm)
Storage temperature	-4 to 140°F (-20 to 60°C)
Operating environment	
Temperature	40 to 100°F (4.4 to 37.8°C)
Relative humidity	10 to 95% noncondensing

### Regulatory Information

ETL rating	ANSI/UL 2034
FCC compliance	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC ID: B4Z-929A-CO
CSFM	California State Fire Marshal (CSFM) Listed

**Note:** The TX-6310-01-1 wireless CO alarm is only compatible with GE Simon XT panels with firmware v1.4 and above. For a wireless CO alarm needed for use with other GE control panels or legacy installed control panels, order the 600-6520-95 wireless CO alarm, which is backwards compatible with all new and legacy panels. The 600 Series wireless CO alarm will report battery life and signal loss to the panel, but will only report locally at the sensor, tamper, end-of-life and trouble conditions. Please contact Technical Support for any TX-6310-01-1 panel compatibility updates.

## Ordering Information

<b>TX-6310-01-1</b>	Wireless electrochemical carbon monoxide alarm for use with Simon XT v1.4 only, with sounder, tamper, hush, and functional test, listed to ANSI/UL 2034 Standard.
<b>600-6520-95</b>	Wireless electrochemical carbon monoxide alarm for use with any new GE wireless control panel or replacement of the discontinued 60-652-95 installed on a legacy control panel, with sounder, hush, local tamper/end-of-life/trouble, and functional test, listed to ANSI/UL 2034 Standard.

Specifications subject to change without notice.

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103-3414 2011/08 (65536)



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