

Smoke and Carbon Monoxide (CO) Detector Definitions

Detectors sound an alarm to warn building occupants in the event of a fire or when unhealthy levels of CO or smoke are detected in the air. Carbon monoxide is a dangerous odorless and colorless gas that people cannot sense so CO detectors are critical to ensure air is safe to breathe.

DETECTOR POWER SOURCE:

Hardwired connects to the building's electrical power source to stay powered as long as the building's power supply is on, so batteries are not required.

10-year sealed battery doesn't require battery changes for the life of the unit. The entire unit is replaced when the battery expires.

Removable battery requires regular testing and replacement of the onboard battery for the unit to function properly.

Battery backups ensure alarms continue to function when the main power source is lost.

Interconnectivity allows interconnected detectors to sound alerts simultaneously when one unit in the group detects a hazard.

Tamperproof battery compartments have locking pins to prevent batteries from being removed.



Smoke Detectors

▪ Volume Level: 85 dB @ 10 ft

Detectors sound an alarm when high concentrations of smoke are present in the air. They are installed in working and living areas to alert occupants to hazards so they can evacuate or seek out the source of concern.

Battery Backup	Interconnectivity	Sensor Type	Tamper Proof	Features	Brand	Item No.
Hardwired						
No	None	Photoelectric	No	Test Button	System Sensor	20JY97
Yes	Up to 18 Units	Ionization	Yes		BRK	2FTL8
Yes	Up to 18 Units	Ionization	Yes	Side Loading Battery; Hush Button; Test Button	First Alert	45TT73
Yes	Up to 18 Units	Ionization, Photoelectric	Yes		BRK	5KCY8
Yes	Up to 18 Units	Photoelectric	No	Strobe Light; Test Button; Hush Button	First Alert	429J52
Yes	Up to 18 Units	Photoelectric	Yes	Test Button; Hush Button	First Alert	45JZ77
Yes	Up to 24 Units	Photoelectric	No	Voice Alert; Test Button; Hush Button	Kidde	446G67
10 Year Sealed Battery						
No	None	Ionization	Yes		Kidde	1YNW9
No	None	Ionization	Yes	Test Button; Hush Button	First Alert	36WA04
No	None	Photoelectric	Yes		Kidde	20JK08
No	None	Photoelectric	Yes	Voice Alert; Test Button; Hush Button	Kidde	20JK09
No	None	Photoelectric	Yes	Slim Profile; Test Button; Hush Button	First Alert	45TT69
No	Up to 24 Units	Ionization	Yes		Kidde	1XTG6
No	Up to 24 Units	Photoelectric	No	Test Button; Hush Button	Kidde	446G64
Removable Battery						
No	None	Ionization	No	Slim Profile; Test Button	Kidde	3TCT1
No	None	Ionization	Yes	Test Button	Kidde	5MPL5
No	None	Ionization	Yes	Test Button; Hush Button	Kidde	5MPL6
No	None	Ionization	Yes		First Alert	2FTP1
No	None	Ionization	Yes	Front Loading Battery; Hush Button	Firex	5MPK9
No	None	Ionization, Photoelectric	Yes	Test Button; Hush Button	Kidde	5MPL7
No	None	Photoelectric	Yes		Kidde	5MPL9
No	None	Photoelectric	Yes	Slim Profile; Test Button; Hush Button	First Alert	36WA05
No	None	Photoelectric	Yes	Test Button	Firex	5MPL3
No	Up to 18 Units	Photoelectric	Yes	Voice Alert; Side Loading Battery; Hush Button; Te	First Alert	48Z669
No	Up to 24 Units	Ionization	Yes	Front Loading Battery; Hush Button	Firex	5MPK8
No	Up to 24 Units	Ionization	Yes	Front Loading Battery; Test Button; Hush Button	Kidde	1XTG7
No	Up to 24 Units	Ionization	Yes	Test Button; Hush Button	Kidde	5MPL2
No	Up to 24 Units	Ionization, Photoelectric	Yes	Hush Button	Firex	5MPL8



Carbon Monoxide Detectors

▪ Electromechanical sensors
 ▪ Volume Level: 85 dB @ 10 ft
 Carbon monoxide (CO) detectors sound an alarm when high concentrations of CO are measured in the air. CO detectors are installed near potential sources of carbon monoxide, including gas appliances, furnaces, generators, and fireplaces.

Description	Battery Backup	Interconnectivity	Detector Type	Tamper Proof	Features	Brand	Item No.
Hardwired							
Carbon Monoxide Alarm	Yes	None	CO Detector	No	LCD Display; Test Button; Hush Button	Kidde	48TD26
Carbon Monoxide Alarm	No	Up to 2 Units	CO Detector	No	Test Button; Hush Button	System Sensor	20JZ04
Carbon Monoxide Alarm	Yes	None	CO Detector	No	LCD Display; Front Loading Battery; Test Button; H	First Alert	2FTN5
Carbon Monoxide Alarm	Yes	None	CO Detector	No	Front Loading Battery; Test Button; Hush Button	First Alert	2FTN4
Carbon Monoxide Alarm	Yes	Up to 18 Units	CO Detector	Yes	Side Loading Battery; Hush Button; Test Button	BRK	2FTN2
10 Year Sealed Battery							
Carbon Monoxide Alarm	No	None	CO Detector	No	LCD Display; Test Button; Hush Button	Kidde	40H497
Carbon Monoxide Alarm	No	None	CO Detector	Yes	LCD Display	First Alert	45TT81
Carbon Monoxide Alarm	No	Up to 24 Units	CO Detector	Yes	Test Button; Hush Button	Kidde	1XTH1
Carbon Monoxide Alarm	No	Up to 24 Units	CO Detector	No	LCD Display; Test Button; Hush Button	Kidde	1XTH2
Carbon Monoxide Alarm	No	Up to 24 Units	CO Detector	No	LCD Display; Slim Design; Test Button; Hush Button	Kidde	48TD25
Removable Battery							
Carbon Monoxide Alarm	No	None	CO Detector	Yes	Test Button; Hush Button	BRK	5KCY4
Carbon Monoxide Alarm	No	None	CO Detector	No		Kidde	12G545
Carbon Monoxide Alarm	No	None	CO Detector	No	LCD Display; Test Button; Hush Button	Kidde	12G547
Carbon Monoxide Alarm	No	None	CO Detector	Yes	LCD Display; Front Loading Battery; Test Button; H	First Alert	2FTN1
Carbon Monoxide Alarm	No	None	CO Detector	Yes	Front Loading Battery; Test Button; Hush Button	First Alert	2FTL9
Carbon Monoxide Alarm	No	None	CO Detector	No	Slim Profile; Test Button; Hush Button	Kidde	6AJW6
Carbon Monoxide Alarm	No	None	CO Detector	No	Slim Profile; LCD Display; Test Button; Hush Butto	Kidde	20JK12
Carbon Monoxide Alarm	No	None	CO Detector	Yes	Test Button; Hush Button	Kidde	20JK14
Carbon Monoxide Alarm	No	None	CO Detector	No	Slim Profile; LCD Display; Test Button; Hush Butto	Kidde	20JK16
Carbon Monoxide Alarm	No	None	CO Detector	No	Slim Profile; Test Button; Hush Button	Kidde	20JK17

