

1.TECHNICAL SPECIFICATIONS AND FEATURES	
1.1 TECHNICAL SPECIFICATIONS	
POWER DC 2V-1.5V Alkaline AA LR6(PARDEER)	
CO concentration	No alarm within 120 min
Sensor Lifespan	max.10 years
Temperature	-10°C~+40°C
Humidity	0%~95%RH non-condensing
Sound Level	>85dB at 3m
Alarm output	Visual and audible indication
Warm-up period	Approx.100 seconds
Mounting method	Wall mounting or ceiling mounting
According to	EN 50291-1; 2018
Battery life	5 years

2. DETECTOR CONDITIONS	
CARBON MONOXIDE CONCENTRATION AND RESPONSE TIME	
CO concentration	No alarm within 120 min
50 ppm	60 min
100 ppm	10 min
300 ppm	40 min
300 ppm	3 min

● This CO Detector is approved for use in single-family residences. It is NOT designed for marine or RV use.

CAUTION!

● This CO Detector will only indicate the presence of carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas.

3. IMPORTANT SAFETY INFORMATION

WARNING!

● PLEASE READ AND SAVE THESE INSTRUCTIONS.

IMPORTANT!

● The apparatus should be installed by a competent person.

What you should know about carbon monoxide(CO)

Carbon monoxide(CO) is a dangerous poison. It is a colorless, odorless, tasteless gas. CO gas is generated by combustion of common household materials, namely, when not enough oxygen is available.

This hazard can occur, for example in open fireplaces, boilers, stoves, and automobile exhaust. This toxin is bound in the blood where it prevents the transport of oxygen, and can cause death by asphyxiation. It is suspected that experts agree that unborn babies, pregnant women, citizens and people with heart or respiratory problems are at greater risk.

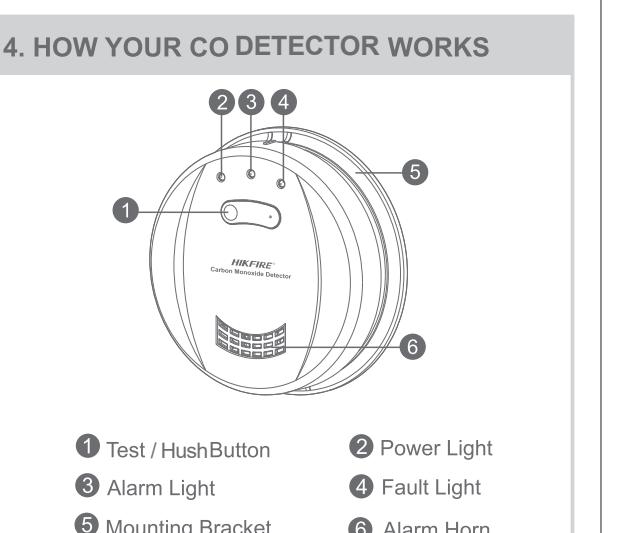
Initial carbon monoxide poisoning symptoms are similar to the flu with no fever and can include dizziness, severe headaches, nausea, vomiting and diarrhea. If you or someone you know are experiencing these symptoms, seek medical attention immediately. CO poisoning can be determined by a carboxyhaemoglobin test.

● The most common sources of CO are malfunctioning, or misuse of gas appliances used for heating and cooking, vehicles, engines, electric generators, blocked chimneys or flues, faulty fuel burners, frequent fuel powered tools and operating a grill in an enclosed space.

● Indications of CO poisoning include symptoms similar to the flu, but with no fever. Other symptoms include dizziness, fatigue, weakness, headache, nausea, vomiting, and confusion. Everyone is susceptible to the danger of CO, but unborn babies, pregnant women, seniors, children and people with heart or respiratory problems may experience symptoms sooner. Even a qualified technician should inspect and clean your heating system, vents, chimney, and flues.

● Dangers, Warnings, and Cautions alert you to important operating instructions or to potentially hazardous situations.

● **THIS IS NOT A SMOKE DETECTOR!** This CO Detector is designed to detect carbon monoxide from ANY source of combustion. It is NOT designed to detect smoke, fire, or any other gas.



—01—
—03—
—04—
—05—
—06—

CONDITION	OPERATION	LED	HORN
Power up and Warm-up	Install 2* AA battery correctly to power the alarm on. Warm-up lasts approximately 5 seconds. LCD screen will display from 0 to 9 in sequence. When connected, LEDs and backlight turn off.	The red/yellow/green LEDs flash alternately.	One short beep
Stand-by condition	After warm-up, the alarm turns to standby condition.	The green LED flashes every 30 seconds.	None
Test condition	Press and release Test/Hush Button to check whether CO alarm works normally.	Green and yellow LEDs flash four times.	The alarm sound four beeps.
Alarm condition	The presence of carbon monoxide.	Red LED flashes quickly	beeps quickly
Low battery	None	Yellow LED flashes every 30 seconds.	One beep every 30 seconds
Malfunction	None	Yellow LED flashes twice every 30 seconds.	Two beeps every 30 seconds
End of unit life	None	Yellow LED flashes twice every 30 seconds.	One long beep and one short beep every 30 seconds
Exceed CO measuring range	None	Red LED flashes quickly	beeps quickly
Hush condition	Silence an unwanted alarm, push and release the Test/Hush button, it will enter hush mode. When the CO alarm is alarming and is on battery, push the Test/Hush button, it will 30 seconds.	RED LED flashes quickly	Non/Hush condition duration: about 10 minutes
		Yellow LED flashes every 30 seconds.	Non/Hush condition duration: about 12 hours

*After silence, if no alarm happens again, any remote silencing feature shall only be used in emergency by the CO Detector.

Hushing: When the CO Detector is sounding an alarm after a suspected false Detector you can press the Test/Hush button and the CO Detector will remain silent for 10 minutes. While the Detector is silenced, it will continue to monitor the air for CO. The Detector will sound again, if CO level is still at dangerous level. The Hush Feature is intended to temporarily silence the Detector horn, if will not correct a CO problem.

—07—
—09—
—11—
—13—

5. WHERE TO LOCATE

5.1 A CO Detector should be centrally located outside of each separate sleeping area in the immediate vicinity of the bedroom. For added protection, install additional CO Detectors in each separate bedroom, and on every level of your home.

5.2 If your bedroom hallway is longer than 40 feet (12metres), install a CO Detector at BOTH ends of the hallway.

5.3 In a single-level home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install at least one CO Detector on each level of the home. If you have a basement, install a CO Detector at the top of the basement stairs.

5.4 In a multi-level home—Same as above plus:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install at least one CO Detector on each level of the home. If you have a basement, install a CO Detector at the top of the basement stairs.

5.5 In a two-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.6 In a three-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.7 In a four-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.8 In a five-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.9 In a six-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.10 In a seven-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.11 In a eight-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.12 In a nine-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.13 In a ten-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.14 In a eleven-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.15 In a twelve-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.16 In a thirteen-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.17 In a fourteen-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.18 In a fifteen-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.19 In a sixteen-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.20 In a seventeen-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.21 In a eighteen-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.22 In a nineteen-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.23 In a twenty-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.24 In a twenty-one-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.25 In a twenty-two-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.26 In a twenty-three-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.27 In a twenty-four-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.28 In a twenty-five-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source.

5.29 In a twenty-six-story home:

● Install at least one CO Detector near or within each separate sleeping area.

● For added protection, install an additional CO Detector at least 20 feet (6 metres) away from the furnace or fuel-burning heat source