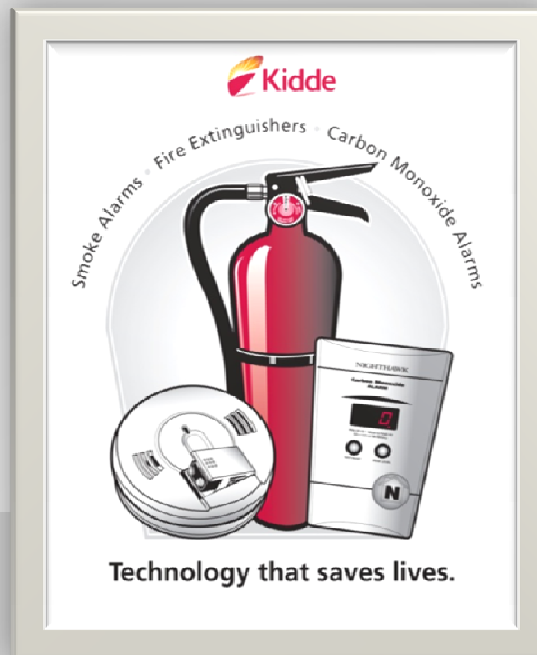


PRODUCT KNOWLEDGE TRAINING

CARBON MONOXIDE & ALARMS SMOKE ALARMS – FIRE EXTINGUISHERS





What is Operation Save a Life???

Operation Save A Life is a community awareness program offered by Kidde and ABC TV, and sponsored by The Home Depot.

The annual campaign is designed to educate consumers about the dangers of fire, its related hazards and how to prevent them.

Through a series of fire and carbon monoxide safety messages that air on ABC-affiliate stations, Kidde product donations to local fire departments, and informative product displays in Home Depot stores, Kidde and ABC work to increase public awareness about fire and carbon monoxide safety.

Ultimately, we hope to reduce deaths and injuries from fire and CO poisoning.



Be Safe CARBON MONOXIDE

What is Carbon Monoxide???

Carbon monoxide (CO) is a colorless, odorless and tasteless poisonous gas that is produced by fuel-burning appliances such as furnaces, ovens, clothes dryers, water heaters, space heaters, fireplaces, charcoal or gas grills, and wood burning stoves.

If an appliance malfunctions or is improperly installed, CO can back up into the home, reaching dangerous levels and quickly cause injury or death.

Vehicles and other combustion engines, like a generator running in an enclosed space, can also cause CO poisoning.



Be Safe CARBON MONOXIDE

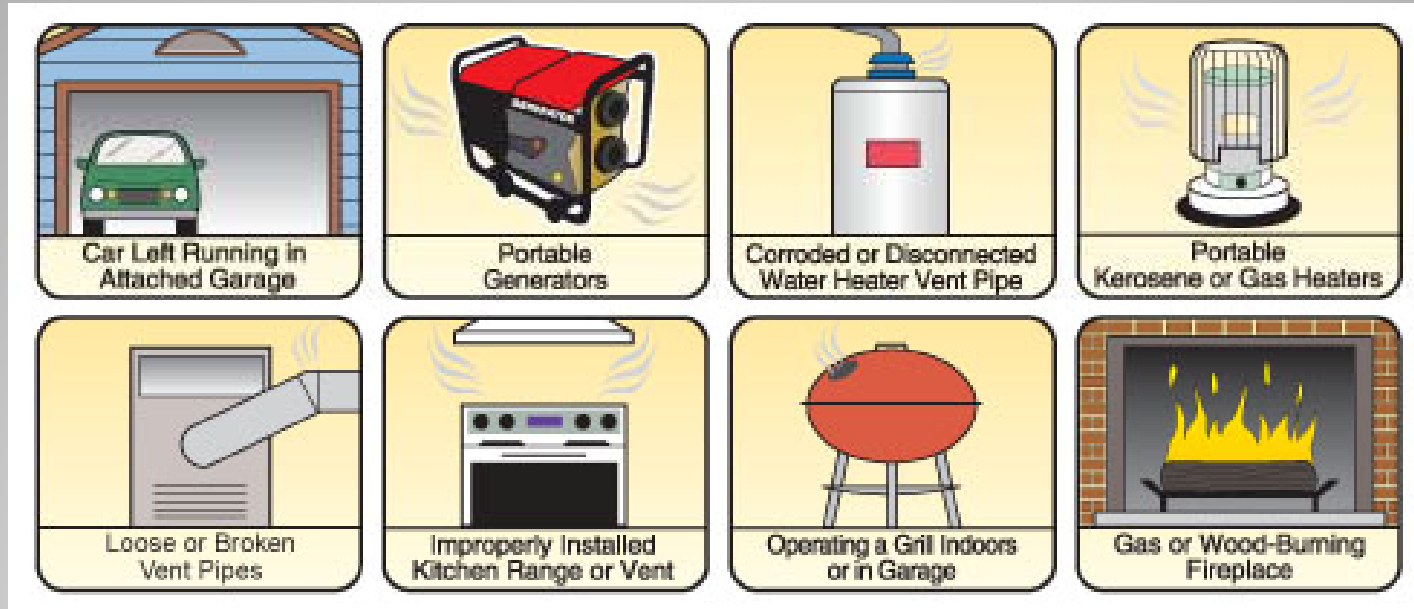
What is Carbon Monoxide???

- Carbon monoxide (CO) is produced when any fuel is incompletely burned because of insufficient oxygen – it is an invisible, odorless poisonous gas and is in almost every home
- Carbon monoxide (CO) is the leading cause of accidental poisoning deaths in America
- According to the Centers for Disease Control and Prevention (CDC), CO poisoning causes more than 400 deaths and 20,000 emergency room department visits in the U.S. annually
- The use of CO alarms could potentially prevent many of these deaths
- The only safe way to know if there is CO in your home, is to arm your family with the appropriate CO alarm



Be Safe CARBON MONOXIDE

Common Sources of CO



Protect your family from
"THE SILENT KILLER"

Be Safe CARBON MONOXIDE

What are the symptoms???

Initial symptoms are similar to the flu with no fever and can include:

- Dizziness
- Severe headache
- Nausea
- Sleepiness
- Fatigue / Weakness
- Disorientation

CO is often called the “silent killer” because it is odorless, tasteless and undetectable.

Symptoms are often misdiagnosed and many people don't know they are suffering from CO poisoning.

Be Safe CARBON MONOXIDE

What you can do...

- Install at least one battery powered CO alarm or AC powered unit with battery backup on each level of your home and near sleeping areas
- Have a licensed professional inspect the heating systems and other fuel-burning appliances in your home annually
- Install fuel-burning appliances properly and operate them according to the manufacturer's instructions
- Have all fireplaces cleaned and inspected annually and keep chimneys clear of animal nests, leaves and residue
- Do not block or seal shut the exhaust flues or ducts used by water heaters, ranges and clothes dryers



Be Safe CARBON MONOXIDE

What you can do...

- Do not leave your car running in an attached garage or carport
- Be careful not to use ovens or stoves to heat your home
- Do not use charcoal or gas grills inside or operate outdoors near a window where CO fumes could seep in
- Do not use generators and grills indoors during a power outage
- Test all carbon monoxide alarms in your home monthly
 - Do they use the most accurate sensing technology?
 - Do they need new batteries?
- Replace CO alarms every 7 years



Alarm Power Options

- **AC Plug-In** : Easy installation for existing residences
- **AC Hardwire** : Ideal protection, allows for inter-connection
-when one alarm sounds, they all sound
- **Battery** : Flexible protection for existing residences

Alarms. . . . CARBON MONOXIDE

Carbon Monoxide Alarms

7 YEARS

Carbon monoxide alarms should be replaced every 7 years

END OF LIFE NOTIFICATION

provides 7 years of continuous operation; afterwards, the alarm will automatically alert you that it is time to replace



Alarms. . . . CARBON MONOXIDE

Carbon Monoxide Alarms

- Carbon monoxide alarms should be placed on every level of the home and near all sleeping areas
- Carbon monoxide alarms should be placed in an open area, at least 6 inches above the floor or 6 inches below the ceiling
- Nighthawk Sensor™ – the worlds most accurate sensor technology, is used in ALL Kidde alarms
- UL Requires that all Carbon Monoxide Alarms sound if carbon monoxide is detected at 70PPM
- Kidde Carbon Monoxide Alarms exceed the UL requirement, and will sound if carbon monoxide is detected at 40PPM, and is at that level for 10 hours
- Batteries are included with all Kidde alarms



Alarms. . . . COMBINATION

Combination Alarms

- Combination Alarms warn you of two more dangers
- Kidde combination CO/Smoke alarm with voice offers a very important safety feature – a **VOICE** warning announces the type of danger present in your home, giving consumers more time to react and more time to escape
- Kidde CO/gas combination detects methane which is a natural gas, as well as propane and butane (available by special order only)



Alarms. . . . SMOKE ALARMS

Smoke Alarms

- Smoke alarm sensor technology:
 - ✓ Ionization *(may respond sooner to hot/fast flaming fires)*
 - ✓ Photoelectric *(may respond sooner to slow/smoldering fires)*
- Kidde recommends that your home be equipped with **ionization and photoelectric** smoke alarms
- Replace smoke alarms every **10** years
(manufacturing date is on back of unit)
- Batteries should be replaced twice a year
(change your clocks/change your batteries)



Alarms. . . . SMOKE ALARMS

Smoke Alarms

➤ All Kidde **battery operated** smoke alarms are equipped w/ these basic features:

✓ Unit cannot be mounted unless a battery is installed

✓ LED light to let you know unit is operating

✓ Low battery chirping signal (every 30-40 seconds)

✓ Battery included!!

➤ All of Kidde **A/C hardwire** smoke alarms and carbon monoxide alarms are inter-connectable (when one alarm sounds all will sound)

➤ All of Kidde hardwire units have the quick – connect harness



Be Safe FIRE EXTINGUISHERS

Fire Extinguishers

Dry Chemical – Main Types

- ABC: Primary base is **Mono-ammonium Phosphate**
 - ✓ Non - toxic
 - ✓ Non - conductive

- BC: Primary base component is **Sodium Bicarbonate**
 - ✓ Non - toxic
 - ✓ Non – corrosive
 - ✓ Non - conductive

Be Safe FIRE EXTINGUISHERS

Fire extinguishers for the home

➤ Primary fire protection for the home:

- ✓ One fire extinguisher with a minimum rating of 2A10BC per floor level
- ✓ Maximum of 40 ft. of travel distance to the extinguisher
- ✓ *Due to the volume of flammable liquids normally present in locations such as a garage or workshop, a fire extinguisher with a higher rating than 2A10BC is required*

➤ Secondary fire protection for the home:

- Fire extinguishers should be provided for specific hazards such as:
 - ✓ *Kitchen cooking fires*
 - ✓ *Energized electronic equipment*
 - ✓ *Outside the home – vehicle and water craft*



About Kidde

Technology That Saves Lives

It is our mission to apply our resources to provide safety solutions that protect people and property from the effects of fire and its related hazards.

www.Kidde.com

www.KnowAboutCO.com

For more than 90 years, industry leaders, the military, airlines and firefighters have relied on Kidde to deliver superior fire detection and suppression. Consumers will find that same advanced fire safety technology in Kidde's residential and commercial smoke alarms, carbon monoxide alarms, fire extinguishers and other life safety products.

Based in Mebane, NC, Kidde is a part of UTC Fire & Security, a leading global supplier of fire safety and security services serving government, industrial, commercial and retail industries with brand names such as Kidde, Chubb and others. UTC Fire & Security is a business unit of United Technologies Corporation (NYSE:UTX) a diversified company that provides high technology products and services to the aerospace and commercial building industries worldwide.

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