

USER'S MANUAL

First Alert®

SMOKE ALARM WITH TEN-YEAR
NON-REPLACEABLE LITHIUM BATTERY PACK
AND END OF LIFE NOTIFICATION FEATURE

IMPORTANT! PLEASE READ
CAREFULLY AND SAVE.

This user's manual contains
important information about
your Smoke Alarm's operation.
If you are installing this Smoke
Alarm for use by others, you
must leave this manual—or a
copy of it—with the end user.

Printed in Mexico
M08-0511-156396 J1 01/17

CONFORMS TO
UL STD 217

Model 0827

© 2017 BRK Brands, Inc. All rights reserved. Distributed by BRK Brands, Inc.
BKR Brands, Inc. is a subsidiary of Newell Brands Inc. (NYSE:NWL) • First
Alert® is registered trademark of The First Alert Trust • 3901 Liberty Street,
Aurora, IL 60004-8122 • Consumer Affairs: (800) 323-9005 •
www.firstalert.com • www.brkelectronics.com

INTRODUCTION

Thank you for choosing First Alert® for your Smoke Alarm needs. You
have purchased a state-of-the-art Smoke Alarm designed to provide
you with early warning of a fire. Please take the time to read this manual
and make the Smoke Alarm an integral part of your family's safety plan.

All First Alert® Smoke Alarms conform to regulatory requirements,
including UL 217 and are designed to detect particles of combustion.
Smoke particles of varying number and size are produced in all fires.

Ionization technology is generally more sensitive than photoelectric
technology at detecting small particles, which tend to be produced
in greater amounts by flaming fires, which consume combustible
materials rapidly and spread quickly. Sources of these fires may include
paper burning in a wastebasket, or a grease fire in the kitchen.

Photoelectric technology is generally more sensitive than ionization
technology at detecting large particles, which tend to be produced
in greater amounts by smoldering fires, which may smolder for
hours before bursting into flame. Sources of these fires may include
cigarettes burning in couches or bedding.

For maximum protection, use both types of Smoke Alarms on each
level and in every bedroom of your home.

Key Features of the 0827 Smoke Alarm:

Tamper Resistant Lithium Battery Pack: Provides continuous power for
up to 10 years. Battery Pack cannot be removed and is not replaceable.

Single Test/Silence Button: Allows you to test the Alarm or silence
nuisance alarms. Testing the Alarm assures you that the unit is functioning
correctly and ready to protect you and your family. The Alarm can be
silenced for up to 10 minutes in the event of a nuisance alarm.

End of Life warning: The Alarm will sound a "chirp" once per minute when
the Alarm reaches the end of its service life and needs to be replaced.

Blinking Power Indicator: Confirms that the Smoke Alarm is receiving power.

FIRE SAFETY TIPS

Follow safety rules and prevent hazardous situations: 1) Use smoking
materials properly. Never smoke in bed. 2) Keep matches or lighters
away from children; 3) Store flammable materials in proper containers;
4) Keep electrical appliances in good condition and don't overload electrical
circuits; 5) Keep stoves, barbecue grills, fireplaces and chimneys grease-
and debris-free; 6) Never leave anything cooking on the stove unattended;
7) Keep portable heaters and open flames, like candles, away from flamma-
ble materials; 8) Don't let rubbish accumulate.

Keep alarms clean, and test them weekly. Replace alarms immediately if they
are not working properly. Smoke Alarms that do not work cannot alert you to
a fire. Keep at least one working fire extinguisher on every floor, and an addi-
tional one in the kitchen. Have fire escape ladders or other reliable means of
escape from an upper floor in case stairs are blocked.

BEFORE YOU INSTALL THIS SMOKE ALARM

IMPORTANT! Read "Recommended Locations for Smoke Alarms"
and "Locations to Avoid for Smoke Alarms" before beginning. This
unit monitors the air, and when smoke reaches its sensing chamber,
it alarms. It can give you more time to escape before fire spreads.
This unit can ONLY give an early warning of developing fires if it is
installed, maintained and located where smoke can reach it, and where all
residents can hear it, as described in this manual. This unit will not sense
gas, heat, or flame. It cannot prevent or extinguish fires.

Understand The Different Type of Smoke Alarms
Battery powered or electrical? Different Smoke Alarms provide
different types of protection. See "About Smoke Alarms" for details.

Know Where To Install Your Smoke Alarms
Fire Safety Professionals recommend at least one Smoke Alarm on every
level of your home, in every bedroom, and in every bedroom hallway or sepa-
rate sleeping area. See "Recommended Locations For Smoke Alarms" and
"Locations To Avoid For Smoke Alarms" for details.

Know What Smoke Alarms Can and Can't Do
A Smoke Alarm can help alert you to fire, giving you precious time to escape.
It can only sound an alarm once smoke reaches the sensor. See "Limitations
of Smoke Alarms" for details.

Check Your Local Building Codes
This Smoke Alarm is designed to be used in a typical single-family home. It
alone will not meet requirements for boarding houses, apartment buildings,
hotels or motels. See "Special Compliance Considerations" for details.

⚠WARNING!

- This unit will not alert hearing impaired residents. It is recom-
mended that you install special units which use devices like
flashing strobe lights to alert the hearing impaired residents.
- Do not connect this unit to any other alarm or auxiliary device.
It is a single-station unit that cannot be linked to other devices.
Connecting anything else to this unit may prevent it from working
properly.
- This Smoke Alarm cannot detect smoke until you activate it. You
must activate the unit for it to receive power from the
battery pack. Failure to activate the unit will prevent the alarm
from providing any warning of smoke or fire.
- The battery pack in this unit cannot be replaced—once it reach-
es the end of its service life, you must install a new Smoke
Alarm. You must deactivate the unit before disposing of it.

IMPORTANT!

- Do not install this unit over an electrical junction box. Air currents
around junction boxes can prevent smoke from reaching the
sensing chamber and prevent the unit from alarming. Only AC
powered units are intended for installation over junction boxes.
- Do not stand too close to the unit when the alarm is sounding.
It is loud to wake you in an emergency. Exposure to the horn at
close range may harm your hearing.
- Do not paint over the unit. Paint may clog the openings to the
sensing chamber and prevent the unit from operating properly.

HOW TO INSTALL THIS SMOKE ALARM
THE PARTS OF THIS SMOKE ALARM

1. Test/Silence button

2. Power/alarm indicator LED

1. Mounting bracket

2. Mounting slots

3. Activation Tab

4. Deactivation Tab (located under label)

5. Turn to attach to bracket

6. Turn this way to remove from bracket

TOOLS YOU WILL NEED:

This unit is designed to be mounted on the ceiling,
or on the wall if necessary.

• Pencil

• Drill with 3/16" (5 mm)
drill bit

• Standard flathead
screwdriver

• Hammer

FOLLOW THESE SIMPLE STEPS!

INSTALL THE MOUNTING BRACKET:

1. Place the bracket on the wall or ceiling
where you want to mount the alarm.

2. Hold the mounting bracket against the
ceiling (or wall) and trace around the
inside of the two keyhole slots.

3. Make a mark inside each outline for
the drill holes.

4. Put the unit where it won't get covered
with dust when you drill the mounting holes.

5. Using a 3/16-inch (5 mm) drill bit, drill a hole
through each
pencil mark.

6. Insert the plastic screw anchors (in the plastic bag
with screws) into the holes. Tap the screw anchors
gently with a hammer, if
necessary, until they are flush with the ceiling or
wall.

7. Line the mounting bracket up over the plastic screw
anchors.

8. Screw the mounting bracket to the ceiling or wall
through the mounting slots using the two screws
provided.

9. Tighten both screws all the way.

ACTIVATING THE ALARM:

⚠WARNING!

The alarm must be activated before
attaching the Smoke Alarm to the
bracket.

1. Turn alarm upside down and pull out
activation tab as shown in diagram. If
you have trouble activating the unit, call consumer affairs at
1-800-323-9005.

2. Test the Smoke Alarm. Press and hold the test button on the
cover of the unit until the alarm sounds (the unit may continue
to alarm for a few seconds after you release the button).

**During testing, you will hear a loud, repeating horn pattern:
3 beeps, pause, 3 beeps, pause.** If the unit does not alarm
during testing, call Consumer Affairs for assistance.

ATTACH SMOKE ALARM TO MOUNTING BRACKET

1. Push the unit toward the bracket, and turn it clockwise until you feel it snap into place.

2. Test the unit again. Press the test button until the horn begins sounding. **During
testing, you will hear a loud, repeating horn pattern: 3 beeps, pause, 3 beeps,
pause.**

OPTIONAL LOCKING FEATURE

The locking feature is designed to discourage unauthorized removal of the Alarm. It is not necessary to activate the
lock in single-family households where unauthorized Alarm removal is not a concern.

Tools you will need: • Needle-nose pliers or utility knife • Standard Flathead screwdriver

This locking feature uses locking pins, which are molded into the mounting bracket. Using needle nose pliers or a utility knife,
remove one pin from the mounting bracket.

IMPORTANT!

To permanently remove lock, insert a flathead screwdriver between the locking pin and the lock, and pry the pin out of the lock.

TO LOCK THE MOUNTING BRACKET

1. Using needle-nose pliers, detach one locking
pin from mounting bracket.

2. Insert locking pin into notch on base of alarm.

3. Attach Smoke Alarm to mounting bracket.

TO UNLOCK THE MOUNTING BRACKET

1. Insert a flathead screwdriver between the
mounting bracket pin and the mounting
bracket.

2. Pry the Smoke Alarm away from the bracket by turning both the
screwdriver and the Smoke Alarm counterclockwise (left) at the
same time.

WEEKLY TESTING

⚠WARNING!

- NEVER use an open flame of any kind to test this unit. You
might accidentally damage or set fire to the unit or to your
home. The built-in test switch accurately tests the unit's
operation as required by Underwriters Laboratories, Inc. (UL).**
- If the Alarm ever fails to test properly, replace it immediately.
Products under warranty may be returned to the manufacturer
for replacement. See "Limited Warranty".**

⚠CAUTION!

**DO NOT stand close to the Alarm when the horn is sounding.
Exposure at close range may be harmful to your hearing. When
testing, step away when horn starts sounding.**

**It is important to test this unit every week to make sure it is working
properly.** Using the test button is the recommended way to test this
Smoke Alarm. Press and hold the test button on the cover of the unit
until the alarm sounds (the unit may continue to alarm for a few seconds
after you release the button). **During testing you will hear a loud,
repeating horn pattern: 3 beeps, pause, 3 beeps, pause. Red LED
flashes.**

REGULAR MAINTENANCE

This unit has been designed to be as maintenance free as possible, but
there are a few simple things you must do to keep it working properly.

- Test it at least once a week.
- Clean the Smoke Alarm at least once a month; gently vacuum the
outside of the Smoke Alarm using your household vacuum's soft
brush attachment. A can of clean compressed air (sold at computer
or office supply stores) may also be used. Follow manufacturer
instructions for use. Test the Smoke Alarm. Never use water,
cleaners or solvents since they may damage the unit.
- If the Smoke Alarm becomes contaminated by excessive dirt, dust
and/or grime, and cannot be cleaned to avoid unwanted alarms,
replace the unit immediately.
- Relocate the unit if it sounds frequent unwanted alarms. See
"Locations to Avoid For Smoke Alarms" for details.

When the battery pack becomes weak, the Smoke Alarm unit will
"chirp" about once a minute (the End of Life warning). This End of
Life warning should last for 7 days, but you should replace the Smoke
Alarm immediately to continue your protection.

TO PERMANENTLY DEACTIVATE THE SMOKE ALARM

⚠WARNING!

Alarm is sealed. The battery pack is not replaceable. Once it reaches
the end of its service life, or after 10 years—whichever comes first—you
must install a new Smoke Alarm.

After 10 years or after the End of Life warning sounds (whichever
comes first):

1. Once you deactivate this unit, it will not detect smoke or alarm.
It cannot be reactivated. You must install a new unit to continue
your protection. Alarm will resist mounting to the bracket after
deactivation.

2. Use a flathead screwdriver to score
label along dotted line.

3. Use thumb to pull deactivation tab
outward until tab snaps into place.
This will discharge the battery pack and
deactivate the unit.

4. Install a new Smoke Alarm immediately!

IF YOU SUSPECT A PROBLEM

Smoke Alarms may not operate properly because of a dead or weak
battery pack, a build-up of dirt, dust or grease on the Smoke Alarm
cover, or installation in an improper location. Clean the Smoke Alarm as
described in "Regular Maintenance," and test the Smoke Alarm again.
If it fails to test properly when you use the test button, or if the problem
persists, replace the Smoke Alarm immediately.

- If you experience frequent non-emergency alarms (like those
caused by cooking smoke), try relocating the Smoke Alarm.**
- If the alarm sounds when no smoke is visible, try cleaning or
relocating the Smoke Alarm. The cover may be dirty.**
- If the alarm no longer sounds during testing, replace the Smoke
Alarm! If the Smoke Alarm was properly activated, and had pre-
viously alarmed during testing, the battery pack is at the end of
its service life. (See "Regular Maintenance.")**
- If the alarm will not silence when you use the Silence feature,
DO NOT IGNORE THE ALARM! This indicates a potentially
dangerous situation.**
- If the Smoke Alarm "chirps" about once a minute (for more
than 30 minutes), Replace the Smoke Alarm! (See "Regular
Maintenance.") This is the End of Life warning.**

DO NOT TRY FIXING THE ALARM YOURSELF—THIS WILL VOID YOUR WARRANTY!

If the Smoke Alarm is still not operating properly, and it is still under
warranty, please see "How to Obtain Warranty Service" in the Limited
Warranty below.

LIMITED WARRANTY

BRK Brands, Inc., ("BRK") the maker of First Alert® brand products
warrants that for a period of ten years from the date of purchase, this
product will be free from defects in material and workmanship. BRK, at
its option, will repair or replace this product or any component of the
product found to be defective during the warranty period. Replacement
will be made with a new or remanufactured product or component. If
the product is no longer available, replacement may be made with a
similar product of equal or greater value. This is your exclusive warranty.

This warranty is valid for the original retail purchaser from the date of
initial retail purchase and is not transferable. Keep the original sales
receipt. Proof of purchase is required to obtain warranty performance.
BRK dealers, service centers, or retail stores selling BRK products do
not have the right to alter, modify or any way change the terms and
conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting
from any of the following: negligent use or misuse of the product, use
on improper voltage or current, use contrary to the operating instruc-
tions, disassembly, repair or alteration by anyone other than BRK or an
authorized service center. Further, the warranty does not cover Acts of
God, such as fire, flood, hurricanes or tornadoes.

BRK shall not be liable for any incidental or consequential damages
caused by the breach of any express or implied warranty. Except to
the extent prohibited by applicable law, any implied warranty of
merchantability or fitness for a particular purpose is limited in duration
to the duration of the above warranty. Some states, provinces or
jurisdictions do not allow the exclusion or limitation of incidental or
consequential damages or limitations on how long an implied warranty
lasts, so the above limitations or exclusion may not apply to you. This
warranty gives you specific legal rights, and you may also have other
rights that vary from state to state or province to province.

How to Obtain Warranty Service

Service: If service is required, do not return the product to your retail-
er. In order to obtain warranty service, contact the Consumer Affairs
Division at 1-800-323-9005. To assist us in serving you, please have the
model number and date of purchase available when calling.

Address: BRK Brands, Inc., 1301 Joe Battle, El Paso, TX 79936

Visit www.firstalert.com for more information.

This Smoke Alarm is designed to operate for 10 years, and is backed by
a 10-year limited warranty. The battery pack in this Smoke Alarm is
non-removable or non-replaceable. When it reaches the end of its service
life, you must replace the entire Smoke Alarm to continue your protection.

RECOMMENDED LOCATIONS FOR
SMOKE ALARMS

Installing Smoke Alarms in Single-Family Residences

The National Fire Protection Association (NFPA), recommends one
Smoke Alarm on every floor, in every sleeping area, and in every bed-
room. In new construction, the Smoke Alarms must be AC powered
and interconnected. See "Agency Placement Recommendations" for
details. For additional coverage, it is recommended that you install a
Smoke Alarm in all rooms, halls, storage areas, finished attics, and
basements, where temperatures normally remain between 40° F (4.4° C)
and 100° F (37.8° C). Make sure no door or other obstruction could keep
smoke from reaching the Smoke Alarms.

More specifically, install Smoke Alarms:

- On every level of your home, including finished attics and basements.
- Inside every bedroom, especially if people sleep with the door partly
or completely closed.
- In the hall near every sleeping area. If your home has multiple
sleeping areas, install a unit in each. If a hall is over 40 feet (12
meters) long, install an alarm at each end.
- At the top of the first-to-second floor stairway, and at bottom of
basement stairway.

IMPORTANT!

Specific requirements for Smoke Alarm installation vary from state to
state and from region to region. Check with your local Fire Department
for current requirements in your area. It is recommended AC or AC/DC
units be interconnected for added protection.

EXISTING HOMES

KEY:

● REQUIRED TO
MEET NFPA
RECOMMENDATIONS

○ RECOMMENDED
FOR ADDITIONAL
PROTECTION

△ SMOKE ALARMS WITH SILENCE
FEATURES RECOMMENDED FOR
ADDITIONAL PROTECTION

1. MULTI-STORY RESIDENCE

2. SINGLE-STORY RESIDENCE, APARTMENT,
MOBILE HOME

NEW CONSTRUCTION

KEY:

● REQUIRED TO
MEET NFPA
RECOMMENDATIONS

○ RECOMMENDED
FOR ADDITIONAL
PROTECTION

△ SMOKE ALARMS
WITH SILENCE
FEATURES
RECOMMENDED
FOR ADDITIONAL
PROTECTION

-- INTERCONNECTED
AC OR AC/DC
SMOKE ALARMS

1. MULTI-STORY RESIDENCE

2. SINGLE-STORY RESIDENCE, APARTMENT,
MOBILE HOME

AGENCY PLACEMENT RECOMMENDATIONS

NFPA 72 Chapter 29

"For your information, the National Fire Alarm and Signaling Code,
NFPA 72, reads as follows:"

29.5.1* Required Detection.

29.5.1.1* Where required by other governing laws, codes, or standards
for a specific type of occupancy, approved single and multiple-station
smoke alarms shall be installed as follows:

(1)*In all sleeping rooms and guest rooms

(2)*Outside of each separate dwelling unit sleeping area, within 21 ft
(6.4 m) of any door to a sleeping room, with the distance measured
along a path of travel

(3) On every level of a dwelling unit, including basements

(4) On every level of a residential board and care occupancy (small
facility), including basements and excluding crawl spaces and
unfinished attics

(5)*In the living area(s) of a guest suite

(6) In the living area(s) of a residential board and care occupancy
(small facility)

(Reprinted with permission from NFPA 72®, National Fire Alarm and
Signaling Code Copyright © 2010 National Fire Protection Association,
Quincy, MA 02269. This reprinted material is not the complete and
official position of the National Fire Protection Association, on the
referenced subject which is represented only by the standard in its
entirety), (National Fire Alarm and Signaling Code" and NFPA 72® are
registered trademarks of the National Fire Protection Association, Inc.,
Quincy, MA 02269).

California State Fire Marshal (CSFM)

Early warning detection is best achieved by the installation of fire
detection equipment in all rooms and areas of the household as follows:
A Smoke Alarm installed in each separate sleeping area (in the vicinity,
but outside bedrooms), and Heat or Smoke Alarms in the living rooms,
dining rooms, bedrooms, kitchens, hallways, finished attics, furnace
rooms, closets, utility and storage rooms, basements, and attached
garages.

LOCATIONS TO AVOID FOR SMOKE ALARMS

For best performance, AVOID installing Smoke Alarms in these areas:

- Where combustion particles are produced. Combustion particles
form when something burns. Areas to avoid include poorly ventilat-
ed kitchens, garages, and furnace rooms. Keep units at least 20 feet
(6 meters) from the sources of combustion particles (stove, furnace,
water heater, space heater) if possible. In areas where a 20-foot
(6 m) distance is not possible – in modular, mobile, or smaller
homes, for example – it is recommended the Smoke Alarm be
placed as far from these fire-burning sources as possible. The
placement recommendations are intended to keep these Alarms at
a reasonable distance from a fuel-burning source, and thus reduce
"unwanted" alarms. Unwanted alarms can occur if a Smoke Alarm
is placed directly next to a fuel-burning source. Ventilate these
areas as much as possible.
- In air streams near kitchens. Air currents can draw cooking smoke
into the sensing chamber of a Smoke Alarm near the kitchen.
- In very damp, humid or steamy areas, or directly near bathrooms
with showers. Keep units at least 10 feet (3 meters) away from
showers, saunas, dishwashers, etc.
- Where the temperatures are regularly below 40° F (4.4° C) or above
100° F (37.8° C), including unheated buildings, outdoor rooms,
porches, or unfinished attics or basements.
- In very dusty, dirty, or greasy areas. Do not install a Smoke Alarm
directly over the stove or range. Clean a laundry room unit frequently
to keep it free of dust or lint.
- Near fresh air vents, ceiling fans, or in very drafty areas. Drafts can
blow smoke away from the unit, preventing it from reaching the
sensing chamber.
- In insect infested areas. Insects can clog openings to the sensing
chamber and cause unwanted alarms.
- Less than 12 inches (305 mm) away from fluorescent lights.
Electrical "noise" can interfere with the sensor.
- In "dead air" spaces. "Dead air" spaces may prevent smoke from
reaching the Smoke Alarm.

Avoiding Dead Air Spaces

"Dead air" spaces may prevent smoke from reaching the Smoke Alarm.
To avoid dead air spaces, follow the installation recommendations below.

On ceilings, install Smoke Alarms as close to the center of the ceiling
as possible. If this is not possible, install the Smoke Alarm at least
4 inches (102 mm) from the wall or corner.

For wall mounting (if allowed by building codes), the top edge of Smoke
Alarms should be placed between 4 inches (102 mm) and 12 inches (305
mm) from the wall/ceiling line, below typical "dead air" spaces.

On a peaked, gabled, or cathedral ceiling, install the first Smoke
Alarm within 3 feet (0.9 meters) of the peak of the ceiling, measured
horizontally. Additional Smoke Alarms may be required depending
on the length, angle, etc. of the ceiling's slope. Refer to NFPA 72 for
details on requirements for sloped or peaked ceilings.

ABOUT SMOKE ALARMS

Battery or DC operated Smoke Alarms: Provide protection even
when electricity fails, provided the batteries or battery packs are fresh
and correctly installed or activated. Units are easy to install, and do not
require professional installation.

⚠WARNING!

- Always use the exact batteries specified by this User's Manual.
DO NOT use rechargeable batteries. Clean the battery contacts
and also those of the device prior to battery installation. Install
batteries correctly with regard to polarity (+ and -).**
- Please dispose of or recycle used batteries properly, following
any local regulations. Consult your local waste management
authority or recycling organization to find an electronics
recycling facility in your area. DO NOT DISPOSE OF BATTERIES
IN FIRE. BATTERIES MAY EXPLODE OR LEAK.**

⚠WARNING!

- Keep battery out of reach of children. In the event a battery
is swallowed, immediately contact your poison control center,
your physician, or the National Battery Ingestion hotline at
202-625-3333 as serious injury may occur.**

AC powered Smoke Alarms:

Can be interconnected so if one unit
senses smoke, all units alarm. They do not operate if electricity fails.
AC with battery (DC) back-up: will operate if electricity fails, provided
the batteries are fresh and correctly installed. AC and AC/DC units
must be installed by a qualified electrician.

Smoke Alarms for Solar or Wind Energy users and battery backup
power systems: AC powered Smoke Alarms should only be operated
with true or pure sine wave inverters. Operating this Smoke Alarm with
most battery-powered UPS (uninterruptible power supply) products or
square wave or "quasi sine wave" inverters will damage the Alarm.
If you are not sure about your inverter or UPS type, please consult with
the manufacturer to verify.

ABOUT SMOKE ALARMS, Continued

Smoke Alarms for the hearing impaired: Special purpose Smoke
Alarms should be installed for the hearing impaired. They include a
visual alarm and an audible alarm horn, and meet the requirements of
the Americans With Disabilities Act. Can be interconnected so if one
unit senses smoke, all units alarm.

Smoke alarms are not to be used with detector guards unless the
combination has been evaluated and found suitable for that purpose.

All these Smoke Alarms are designed to provide early warning of fires if
located, installed and cared for as described in the user's manual, and if
smoke reaches them. If you are unsure which type of unit to install, refer
to Chapter 2 of the National Fire Protection Association (NFPA) Standard
72 (National Fire Alarm and Signaling Code) and NFPA 101 (Life Safety
Code), National Fire Protection Association, One Batterymarch Park,
Quincy, MA 02269-9101. Local building codes may also require specific
units in new construction or in different areas of the home.

SPECIAL COMPLIANCE CONSIDERATIONS

This Smoke Alarm is suitable for use in apartments, condominiums,
townhouses, hospitals, day care facilities, health care facilities, boarding
houses, group homes and dormitories provided a primary fire detection
system already exists to meet fire detection requirements in common
areas like lobbies, hallways, or porches. Using this Smoke Alarm in
common areas may not provide sufficient warning to all residents or
meet local fire protection ordinances/regulations.

This Smoke Alarm alone is not a suitable substitute for complete fire
detection systems in places housing many people—like apartment
buildings, condominiums, hotels, motels, dormitories, hospitals, health
care facilities, nursing homes, day care facilities, or group homes of
any kind. It is not a suitable substitute for complete fire detection
systems in warehouses, industrial facilities, commercial buildings, and
special-purpose non-residential buildings which require special fire
detection and alarm systems. Depending on the building codes in your
area, this Smoke Alarm may be used to provide additional protection in
these facilities.

In new construction, most building codes require the use of AC or AC/
DC powered Smoke Alarms only. In existing construction, AC, AC/DC,
or DC powered Smoke Alarms can be used as specified by local build-
ing codes. Refer to NFPA 72 (National Fire Alarm and Signaling Code)
and NFPA 101 (Life Safety Code), local building codes, or consult your
Fire Department for detailed fire protection requirements in buildings not
defined as "households".

LIMITATIONS OF SMOKE ALARMS

Smoke Alarms have played a key role in reducing deaths resulting from
home fires worldwide. However, like any warning device, Smoke Alarms
can only work if they are properly located, installed, and maintained, and
if smoke reaches them. They are not foolproof.

Smoke alarms may not waken all individuals. Practice the escape
plan at least twice a year, making sure that everyone is involved – from
kids to grandparents. Allow children to master fire escape planning and
practice before holding a fire drill at night when they are sleeping.
If children or others do not readily waken to the sound of the smoke
alarm, or if there are infants or family members with mobility limitations,
make sure that someone is assigned to assist them in fire drill and in
the event of an emergency. It is recommended that you hold a fire drill
while family members are sleeping in order to determine their response
to the sound of the smoke alarm while sleeping and to determine
whether they may need assistance in the event of an emergency.

Smoke Alarms cannot work without power. DC operated units can-
not work if the battery pack is missing, deactivated, or dead, or if the
battery pack was not activated correctly. AC units cannot work if the AC
power is cut off for any reason (open fuse or circuit breaker, failure along
a power line or at a power station, electrical fire that burns the electrical
wires, etc.). If you are concerned about the limitations of DC or AC
power, install both types of units.

**Smoke Alarms cannot detect fires if the smoke does not reach
the Alarms.** Smoke from fires in chimneys or walls, on roofs, or on
the other side of closed doors may not reach the sensing chamber
and set off the alarm. That is why one unit should be installed inside
each bedroom or sleeping area—especially if bedroom or sleeping area
doors are closed at night—and in the hallway between them.

**Smoke Alarms may not detect fire on another floor or area of the
dwelling.** For example, a stand-alone unit on the second floor may not
detect smoke from a basement fire until the fire spreads. This may not
give you enough time to escape safely. That is why we recommended
minimum protection is at least one unit in every sleeping area, and
every bedroom on every level of your dwelling. Even with a unit on
every floor, stand-alone units may not provide as much protection as
interconnected units, especially if the fire starts in a remote area. Some
safety experts recommend installing interconnected AC powered units
with battery back-up (see "About Smoke Alarms") or professional
fire detection systems, so if one unit senses smoke, all units alarm.
Interconnected units may provide earlier warning than stand-alone
units since all units alarm when one detects smoke.

Smoke Alarms may not be heard. Though the alarm horn in this unit
meets or exceeds current standards, it may not be heard if: 1) the unit
is located outside a closed or partially closed door, 2) residents recently
consumed alcohol or drugs, 3) the alarm is drowned out by noise from
stereo, TV, traffic, air conditioner or other appliances, 4) residents are
hearing impaired or sound sleepers. Special purpose units, like those
with visual and audible alarms, should be installed for hearing impaired
residents.

**Smoke Alarms may not have time to alarm before the fire itself
causes damage, injury, or death, since smoke from some fires may
not reach the unit immediately.** Examples of this include persons
smoking in bed, children playing with matches, or fires caused by
violent explosions resulting from escaping gas.

Smoke Alarms are not foolproof. Like any electronic device, Smoke
Alarms are made of components that can wear out or fail at any time.
You must test the unit weekly to ensure your continued protection.
Smoke Alarms cannot prevent or extinguish fires. They are not a
substitute for property or life insurance.

Smoke Alarms have a limited life. The unit should be replaced
immediately if it is not operating properly. You should always replace a
Smoke Alarm after 10 years from date of purchase. Write the purchase
date on the space provided on back of unit.

Replace Alarm 10 years after installation. Write the replacement
date in the space provided on the Alarm label.

For your records, please record:

Date Purchased: _____

Date Installed: _____ / _____ Month/Year

Replacement Date: _____ / _____ Month/Year

First Alert® is a registered trademark of the First Alert Trust.

Printed in Mexico M08-0511-156396 J1 01/17

1

2

3

4

5

6

