



# Home Safety Inspection Program For the Deaf and Hard of Hearing

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For more information, contact us

Online: <http://mariettaga.gov/city/fire>

Email: [homesafety@mariettaga.gov](mailto:homesafety@mariettaga.gov)

Phone: 770.794.5466



# Marietta Fire Department

## Home Fire Safety Inspection Checklist

The mission of the city of Marietta Fire Department (MFD) is to effectively prepare, provide and promote services that minimize the loss of life and property resulting from fires, medical emergencies, and other disasters.

**Use this checklist to increase your awareness of the safety in your home and to make changes that could save your life!**

### Exterior

- Make your house number visible from the street.
- Trim trees away from electrical wires and chimney.
- Remove all pine needles and leaves from roofs, eaves, and rain gutters.



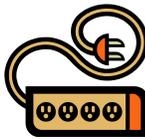
### Heating Equipment and Fireplace

- Keep heaters at least 3 feet from all combustible materials.
- Replace furnace filters once a month.
- Clean lint from behind clothes dryer.
- Install a spark screen in front of the fireplace.
- Have your chimney cleaned and inspected once a year.
- Install a spark arrester on chimney.
- Dispose of ashes in metal containers.
- Keep newspapers, other combustibles, and clutter away from your water heater.



### Electrical

- Avoid overloading electrical circuits.
- Inspect electrical cords and appliances for damage.
- Do not tack cords to the wall or run them under rugs.
- Maintain air space around electrical equipment-TV, DVD, stereo, etc.
- Only use a qualified electrician to perform upgrades and repairs in your home.
- Only use extension cords that have in a built-in circuit breaker.



### Flammable Liquids & Hazardous Materials

- Limit the amount of chemicals.
- Dispose of or recycle household hazardous materials properly.
- Store hazardous materials in the proper containers with correct identification labels and away from heat sources.
- Allow for proper ventilation when using flammable liquids.
- Put oily rags in metal containers with tight-fitting lids; not in a pile where they can spontaneously ignite.



### Cooking

- Never leave cooking unattended.
- Cuff sleeves and turn pot handles inward when cooking to avoid burn injuries.
- Never store combustibles in oven or on top of stove.
- When barbecuing, move unit away from the house.
- Dispose of coals/ashes in metal containers.



### Smoking Materials & Candles

- Never leave cigarettes or candles unattended.
- Purchase and use ashtrays that have the center support feature.
- Empty ashtrays into noncombustible containers only.
- Never smoke in bed.
- Place candles in noncombustible, sturdy holders.
- Keep matches and lighters out of reach of children.



### Smoke Alarms

- Install smoke alarms inside and outside every sleeping area and on every level of your home
- Test smoke alarms once a month. Hint: use a broom handle to reach & push test button
- Replace smoke alarm batteries once a year. Hint: use Daylight Savings Time as a reminder
- Replace smoke alarm units every 10 years



### Fire Extinguishers

- Purchase a multipurpose (ABC) extinguisher
- Teach your family how to use a fire extinguisher (Use P.A.S.S.: Pull the pin, Aim, Squeeze, Sweep)
- Inspect extinguishers annually



### Develop & Practice A Home Escape Plan

- Develop a home escape plan that includes:
  - Two exits out of every room
  - A meeting place outside (tree, mailbox, etc.)
- Practice escape plan with every member
- Teach all family members how to:
  - Dial 9-1-1 in an emergency
  - Stop, drop, and roll if clothes catch fire.





## EMERGENCY TIPS

### Communication

Determine how you will communicate with emergency personnel if there is no interpreter or if you do not have your hearing aid(s).

Have a list of your medications and medical conditions on hand for Emergency Responders.

Consider carrying a pre-printed copy of key phrases such as, "I speak American Sign Language (ASL) and I need an ASL interpreter."

If possible, obtain a battery-operated television that has a decoder chip for access to signed or captioned emergency reports.

Determine which broadcasting systems will provide continuous news that will be captioned and/or signed.

### Batteries

Store extra batteries for your hearing aids and implants.

Store extra batteries for your communication devices.

### Hearing Aids

Store hearing aids in a consistent, convenient, and secured place, so you can quickly and easily find them after a disaster. Consider storing them in a container attached to your night stand or bed post.

If available, keep an extra hearing aid with your emergency supplies.

Remember that missing or damaged hearing aids will be difficult to replace or fix following a major disaster.

### Alarms

Install both audible alarms and visual smoke alarms.

### Advocacy

Recruit interpreters to be Red Cross emergency volunteers.

Request that TV stations broadcast all news and emergency information in open caption format and/or secure on-camera interpreters for emergency duties.

When you travel, ensure hotels have access packets for deaf and hard of hearing individuals. Ask for a specialized alarm when you check in.

Clip the appropriate card and place it on the visor of your car



# Driver is Hard of Hearing

I use the written word to communicate.



Courtesy of the Marietta Fire Department



# Driver is Hard of Hearing

I use ASL to communicate.



Courtesy of the Marietta Fire Department



# Driver is Hard of Hearing

I use pictures to communicate.



Courtesy of the Marietta Fire Department



# QUICK START GUIDE – LIFETONE HL™ BEDSIDE FIRE ALARM AND CLOCK MODEL HLAC100

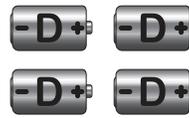
Thank you for purchasing the Lifetone HL™ Bedside Fire Alarm and Clock. These items are included:



HLAC100



Bed Shaker



4 D Cell Alkaline Batteries



HLAC100 User's Manual

PLACETHE LIFETONE HL™ NEXT TO YOUR BED WITH THE SPEAKER FACING THE PILLOW.

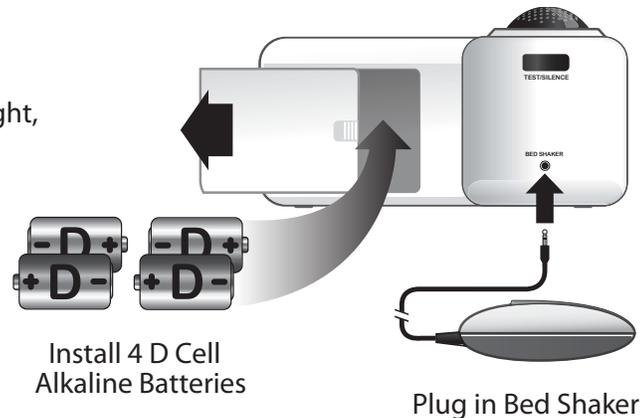
## STEP 1 - POWERING THE HLAC100™

1. Remove the battery door located on the back of your clock.
2. Insert four D cell alkaline batteries, as shown in the illustration at right, matching the polarity (+ and -) signs in the open compartment.
3. Replace the battery door securely.
4. Plug the Lifetone HLAC100™ into an electrical outlet near your bedside.
5. You may plug the bed shaker in on the back of the clock now or at any time after it has been set up.

The word "TEST" will now be flashing on the screen. Go to STEP 2.

### NOTE:

The batteries are for backup in the event of a power outage only. The HLAC100 is not meant to operate on batteries alone.



Install 4 D Cell Alkaline Batteries

Plug in Bed Shaker

## STEP 2 - SMOKE ALARM COMPATIBILITY

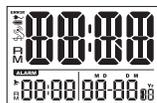
**This important test will determine if your smoke alarms are compatible with the Lifetone HL™.**

1. The word "TEST" is flashing on the screen. Press the red TEST/SILENCE button on the back of the clock. The word "TEST" will stop flashing for 30 to 50 seconds.
2. When "TEST" starts flashing again, locate the most distant smoke alarm you want detected.
3. Press and hold the test button on the smoke alarm until the Lifetone HL™ alarm sounds. Between 7 and 9 smoke alarm T3 cycles (groups of 3 beeps) will be required. This takes about 30 to 40 seconds.
4. When the Lifetone HL™ alarm sounds and "FIRE" appears on the screen, the test has been successful.
5. To stop the alarm, press the red TEST/SILENCE button on the back of the clock.
6. If all tests are passed, the "12 hr" time display option will flash on the screen, and you may now set the clock. Go to STEP 3.

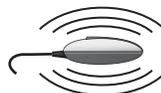
NOTE: If the clock is flashing all segments as shown below and beeping at short intervals, your smoke alarm was not detected or is not compatible with the LIFETONE HL™.



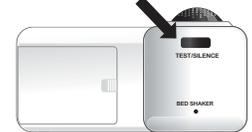
BEEP!



FLASHING



Press TEST/SILENCE button to start the test.



Smoke alarm has been detected.

Press TEST/SILENCE button to silence alarm.



Successful test. You may now set the clock.

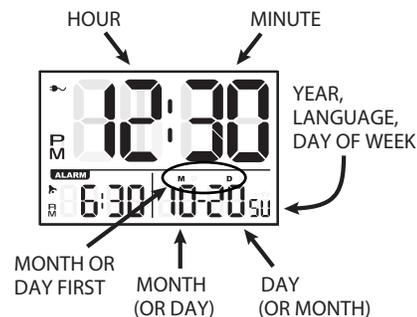
Unplug the clock and remove one battery. Repeat the set up beginning with STEP 1- POWERING THE PRODUCT. You may need to choose a closer smoke alarm. If the compatibility test fails again, the smoke alarm may not be compatible. Unplug the clock and remove the batteries. See the section titled "UNSUCCESSFUL SMOKE ALARM COMPATIBILITY TEST" in the user's manual.

### STEP 3 - SETTING THE CLOCK

1. On the time display, "12hr" is flashing. To select 24 hour time, press + or - .
2. Press SET CLOCK. The hour will flash. To change the hour, press + or - .
3. Press SET CLOCK. The minute will flash. To change the minute, press + or - .
4. Press SET CLOCK. The year will flash. To change the year, press + or - .
5. Press SET CLOCK. The small "m" and "d" will flash. To change to a day-first display of the date, press + or - .
6. Press SET CLOCK. The month will flash. To change the month, press + or - .
7. Press SET CLOCK. The day will flash. To change the day, press + or - .
8. Press SET CLOCK. The "E" (for English) will flash. To change to Spanish or French, press + or - . Press SET CLOCK again.
9. The clock will show the day of the week to the right of the date. If you prefer to display the year instead, press SET CLOCK again.

NOTE: Any time that you need to reset the clock, press and hold SET CLOCK until the flashing "12hr" appears, and repeat all parts of STEP 3.

Buttons on the top of the Lifetone HL™

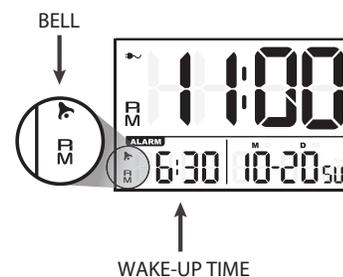


### STEP 4 - SETTING THE WAKE-UP ALARM

1. Press and hold SET ALARM until the wake-up hour flashes. To set the hour, press + or - .
2. Press SET ALARM. The minute will flash. To set the minute, press + or - .
3. Press ON/OFF to enable or disable the wake-up alarm. The bell icon at lower left will appear or disappear to indicate whether the alarm is active or inactive.

You can adjust the volume of your wake-up alarm to high or low with the HI - LO slider switch on top. If there is a fire emergency the alarm will sound at maximum volume.

NOTE: Any time that you need to reset the wake-up alarm time, press and hold SET ALARM until the hour is flashing and repeat all parts of STEP 4.



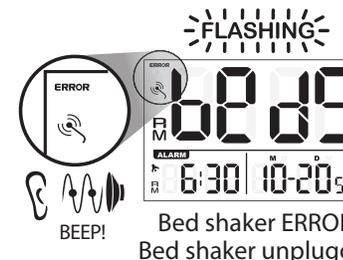
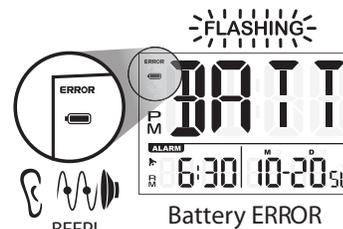
### TROUBLESHOOTING ERROR MESSAGES

**Batteries:** If the clock is flashing "BATT" and beeping at one minute intervals, the batteries were not installed, were installed with the wrong polarity, or are below the required voltage. Remove and insert them again or replace them if necessary. Be sure to match the polarity (+ and -) signs in the battery compartment. To keep your compatibility set-up, leave the clock plugged in while you change batteries.

**Bedshaker:** If the screen is flashing "beds" and the clock beeps, the bed shaker has come unplugged. Seat the bed shaker plug firmly into the jack on the back of the clock.

NOTE: If you decide you don't want to use the bed shaker after it has been installed, unplug the bed shaker then press and hold the red TEST/SILENCE button on the back of the clock for 2 seconds. That starts a manual self-test that will display "TEST" for 10 to 20 seconds, sound the fire alarm once, and "retrain" the clock to operate without a bed shaker.

NOTE: Any time that you want to restore use of the bed shaker, simply plug it in.



800 Research Parkway, Suite 339  
Oklahoma City, OK 73104

PLEASE READ THE USER'S MANUAL COMPLETELY AND THOROUGHLY FOR FURTHER DIRECTIONS, PRODUCT FEATURES AND WARRANTY INFORMATION

For more information, go to [www.lifetonesafety.com](http://www.lifetonesafety.com)  
or call Customer Service 1-800-648-7923

MODEL HLAC100

KEEP THIS QUICK-START GUIDE IN A SAFE PLACE

Doc# LTQSG100 110831

## HLAC150 FAQs

### PRODUCT FEATURES

- Is the daily wake-up alarm on the HLAC150 different from the fire alarm?
  - Yes. The two types of alarms sound different, feel different, and look different.
    - Audible alerts: In a fire emergency, the HLAC150 uses the Temporal-3 (T-3) pattern recommended by ANSI and the NFPA: repeated groups of three half-second beeps with a 1½-second pause between groups. (See “What does a T-3 signal sound like?”) A voiced announcement (“Fire! Get out!”) is sounded in the pauses between groups. The wake-up alarm, on the other hand, is a rapid series of ungrouped beeps, about three per second. In both cases, the HLAC150 beeps at 520 Hz, a frequency that is lower than that of a typical smoke alarm. This lower frequency is better at awakening people, especially persons who are medicated or have age-related hearing loss.
    - Tactile alerts: If you use the included bed shaker, the audible alerts are accompanied by pulsed vibration (1½ seconds on, 2½ seconds off) during a fire alarm but continuous vibration during a wake-up alarm.
    - Visual alerts: The LCD screen flashes **FIRE** in an emergency but flashes the time of day during a wake-up alarm.
  
- How long will the emergency alarm sound if no one is there to turn it off?
  - If you don’t press the red TEST/SILENCE button, the emergency alarm will stop after 10 minutes. If the triggering smoke alarm is still sounding, the HLAC150 will detect the continuing alarm within 15 seconds and resume its own emergency alerts.
  
- How long will the wake-up alarm sound if no one is there to turn it off?
  - The wake-up alarm sounds for 10 minutes or until the OFF button or the SNOOZE bar is pressed.
  
- How long is the snooze time?
  - 10 minutes.
  
- Is snooze time limited?
  - No; you can have as many 10-minute snooze sessions as you like. The bell icon (🔔) flashes to indicate that the snooze function is active.
  
- How loud is the daily wake-up alarm?
  - A switch on the top of the HLAC150 allows you to select a high volume (85 dBA at 3 feet) or a lower volume (75 dBA at 3 feet) for the wake-up

alarm. However, the emergency alarm *a/ways* sounds at full power (the louder level).

- Can the brightness of the screen be adjusted?
  - Yes. The SNOOZE/LIGHT switch on the top of the HLAC150 allows you to set the backlight level to **bright**, **dim**, or **off** for normal operation. Each time you press the bar, the brightness changes. However, the screen will always flash at the brightest setting while the alarm is sounding. (You cannot change the screen brightness while the HLAC150 is sounding any alarm.) Note: When the HLAC150 is operating on battery backup, the screen is dark. Pressing the SNOOZE/LIGHT switch makes the screen light up for five seconds.

## INITIAL SET-UP

- How do I set up my HLAC150?
  - The set-up process involves applying power, performing the power-up self test and the smoke-alarm compatibility test, and setting the clock and the wake-up alarm. Here are the steps:
    1. Place the Lifetone HLAC150 near your bed, with the speaker facing your pillow. Install the batteries and be sure that the display screen comes on and flashes **TEST**. If the screen remains dark, remove and re-install the batteries, being careful to insert them in the orientation indicated by the molded markings inside the battery compartment.
    2. Plug the HLAC150 into an electrical outlet that is not controlled by a light switch.
    3. Press the red TEST/SILENCE button on the back of the HLAC150. **TEST** will stop flashing for about 15 seconds while the HLAC150 tests its speaker and microphone. You may hear the clock making noises during this test.
    4. **TEST** will start flashing again. At this point, the HLAC150 needs to hear your smoke detector. If you have an interconnected alarm system, locate the nearest smoke detector; otherwise, locate the farthest detector that you want the HLAC150 to listen for. Activate the test switch on your smoke detector. You have 10 minutes to do this. After two complete, uninterrupted T-3 cycles (each T-3 cycle consists of three beeps and a pause), the HLAC150 will sound its own low-frequency T-3 signal, flash **FIRE** on the screen, and vibrate the bed shaker.
    5. Press the red TEST/SILENCE button to silence the HLAC150.
    6. Set the clock and the wake-up alarm (see "SETTING THE CLOCK" and "SETTING THE WAKE-UP ALARM").
- During set-up, how long will the HLAC150 wait to hear a T-3 signal?

- If the HLAC150 does not hear a T-3 signal within 10 minutes, it will flash all segments of the LCD screen (**88:88** for the time, for example) and beep once every 5 seconds. If this happens, you need to unplug the unit, remove one of the batteries, and start the set-up procedure again.
- Why do I need to use a particular smoke detector when I set up the HLAC150?
  - During set-up, the HLAC150 adjusts its sensitivity to the loudness of your smoke alarm. If the HLAC150 hears a loud alarm during set-up, it might not recognize a softer or more distant alarm in an emergency. On the other hand, if you use a very quiet or distant alarm during set-up, the HLAC150 will be very sensitive and may respond to a neighbor's smoke alarm. Note: If you have an interconnected alarm system, use the *nearest* smoke alarm to set up your HLAC150. This helps prevent the HLAC150 from being confused by alarms that may not be synchronized with the nearest.

## SETTING THE CLOCK

- How do I set the clock on my HLAC150?
  - The HLAC150 will automatically prompt you to set the clock after the initial power-on and compatibility tests. To set the clock any other time, press and hold SET CLOCK until **12hr** appears on the screen. The HLAC150 will flash, in turn, each item that needs to be set. Use the plus (+) and minus (-) buttons to adjust the setting, then press SET CLOCK to proceed to the next item. You can press the plus and minus buttons repeatedly to advance one digit at a time; or you can hold the button down to advance rapidly until you release it. Items are set in the following order:
    1. 12-hour (am/pm) or 24-hour (military) time
    2. Hour (If you're using 12-hour time, be sure that **AM** or **PM** is correctly indicated at the left of the display screen.)
    3. Minute
    4. Year
    5. Date Style (**M D** = month first; **D M** = day first)
    6. Month if you selected M D; day if you selected D M
    7. Day if you selected M D; month if you selected D M
    8. Language (**E** for English, **F** for French, **S** for Spanish)

If you are doing the initial set-up, the HLAC150 will next prompt you to set the wake-up time, which is 6 a.m. by default (see "SETTING THE WAKE-UP ALARM"). If you don't want to use the wake-up alarm, be sure to turn it off by pressing the ON/OFF button once, and make sure that the bell icon (🔔) disappears from the lower left of the screen.

- What happens if I don't set the clock or if I get interrupted during the process?

- If during the process of setting the clock you go for one minute without pressing any button, the clock will end the set-up and use whatever date and time is on the screen. If it's not correct, press and hold SET CLOCK until you see **12hr**, and go through the process again.
- Can I make my HLAC150 display the year after set-up is complete?
  - Yes. By default, the HLAC150 displays a two-character abbreviation for the day of the week in your choice of English, French, or Spanish. You can alternate between the year and the day of the week by quickly pressing and releasing SET CLOCK.

## SETTING THE WAKE-UP ALARM

- How do I set the wake-up time on my HLAC150?
  - The HLAC150 will automatically prompt you to set the wake-up time after the initial power-on tests and clock setting. To change the wake-up setting at any other time, press and hold SET ALARM until the wake-up hour flashes in the lower left corner of the screen. Use the plus (+) and minus (-) buttons to adjust the wake-up hour. You can press the plus and minus buttons repeatedly to advance one digit at a time; or you can hold the button down to advance rapidly until you release it. If you're using 12-hour time, be sure that **AM** or **PM** is correctly indicated to the left of the wake-up hour. Then press SET ALARM to advance to the wake-up minute. Use the plus (+) and minus (-) buttons to adjust the wake-up minutes, then press SET ALARM one final time.
- How do I know whether the wake-up alarm is set?
  - Look for the bell icon (🔔) in the lower left of the screen. You can toggle the alarm on and off by pressing the ON/OFF button on the top of the HLAC150.
- How do I silence the wake-up alarm?
  - Press the ON/OFF button once, or press the SNOOZE bar. Note: Don't use the red TEST/SILENCE button to stop the wake-up alarm. That will start a self test that might be mistaken for a fire alarm, and the wake-up alerts will start again after the self test is completed, about 20 seconds later.

## BED SHAKER

- Where is the best place to put the bed shaker?
  - Depending on personal preference, you may put the bed shaker under your pillow or under the mattress. Some people find that the vibration is felt most intensely when the bed shaker is placed under the mattress and near the sleeper's chest or shoulders. Lifetone does not recommend placing the bed shaker between two very soft, thick mattresses because the transmitted vibrations may become damped over time if the bed

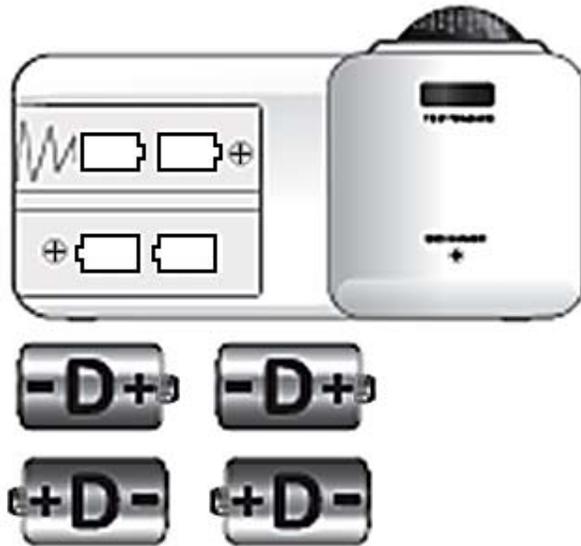
shaker burrows into the cushiony material. If this happens, move the bed shaker a few inches.

- I don't want to use the bed shaker. Can I unplug it?
  - Yes. However, when you unplug the bed shaker, the HLAC150 will alert you by flashing **beds** and chirping every five seconds. To stop these alerts, press and hold the red TEST/SILENCE button until you see **TEST** on the screen. The HLAC150 will then perform a self-test during which it will retrain itself to operate without the bed shaker. This takes about 30 seconds, after which the HLAC150 will return to normal operation, this time without the bed shaker.
- I set up my HLAC150 without a bed shaker. Can I start using the bed shaker later?
  - Yes; just plug it in at any time. The HLAC150 will automatically detect the bed shaker, whose presence will be indicated by the bed-shaker icon () on the left side of the screen.
- How do I clean the bed shaker?
  - Wipe it with a damp, soapy cloth, but do not immerse the bed shaker in any liquid.

## BATTERIES

- How long will the batteries last?
  - The HLAC150 is intended to be plugged in to an AC outlet for normal operation. The backup batteries are good for seven days of operation during a power outage, after which the low-battery alerts will begin. It's a good idea to keep a spare set of four D-cell batteries on hand.
- Do I need to buy special batteries for the HLAC150?
  - No. Any standard alkaline D cells will work. Don't use rechargeable batteries in the HLAC150.
- How do I know when it's time to change the batteries?
  - When the batteries are low, the HLAC150 will flash **BATT** on the screen, chirp once a minute, and vibrate the bed shaker once a minute. In addition, the battery icon () on the screen will flash.
- Can I change the batteries without unplugging the HLAC150?
  - Yes; in fact, that's the preferred method. If you do unplug the HLAC150 and remove the batteries, you will have to go through the initial set-up again. Don't unplug the HLAC150 without batteries in unless you have to—for example, if you need to repeat the compatibility test.
- How should I orient the batteries when I insert them?

- Refer to the figure at right. With the HLAC150 face down in your lap and the battery compartment on your left, remove the battery cover by pressing on it and sliding it to your left. Remove any batteries already present, and you will see a faint diagram that shows the correct orientation of the batteries. There are four D-cell batteries. The two that are farther from you are the ones that would be uppermost if the clock

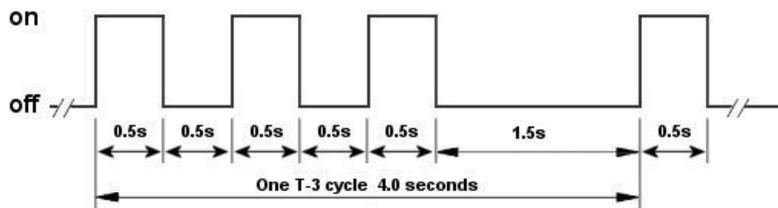


were sitting right-side-up on a table. Insert the two farther batteries so that their positive end—that’s the top or “button” end of the battery—points to the right. Insert the two nearer batteries with the opposite polarity, that is, with their positive ends pointing to the left. In other words, the negative end—that’s the bottom of the battery—always goes toward the spring. Note: the spring for the two nearer (bottom) batteries is partially hidden inside the housing.

- How do I know if the batteries are correctly installed?
  - If during the initial set-up you insert the batteries before plugging the HLAC150 in to an electrical outlet, the screen will briefly display all segments and then will start flashing TEST. You should then plug in the AC adaptor. If the screen doesn’t come on without the unit being plugged in, then the batteries were not inserted correctly. If you insert batteries while the HLAC150 is plugged in, you will get a low-battery indication if they aren’t oriented correctly.
- I had a power outage, and the batteries in my HLAC150 ran down. I unplugged the unit to stop the low-battery alerts. Do I have to set up the HLAC150 again?
  - Yes. Any time you remove all power (both batteries and AC), you have to repeat the set-up procedure, including the detector compatibility test (see “INITIAL SET-UP”). Lifetone recommends that you keep a spare set of four D cells on hand so that you can quickly correct a low-battery condition without unplugging the HLAC150.
- How can I tell whether my HLAC150 is running on its backup batteries?
  - The AC POWER indicator light at the top left of the housing will go out. Also, the word ERROR and the plug icon (🔌) will flash at the top left of the screen.

## COMPATIBILITY

- Can I use the HLAC150 with a smoke detector that does not emit T-3 signals?
  - No. The HLAC150 recognizes T-3 signals that comply with Underwriters Laboratories specification UL 217. The HLAC150 does not recognize other types of signals, such as continuous tones, whoops, sirens, or ungrouped beeps. All smoke detectors manufactured since 1999 for home use in the USA employ T-3 signals.
- What does a T-3 signal sound like?
  - A UL 217-compliant T-3 signal consists of repeated groups of three beeps. Each beep lasts a half second, and beeps within a group are separated by a half-second of silence. There is a pause of 1½ seconds between groups. Each T-3 cycle contains three beeps and lasts about four seconds, including the pause. Graphically, it looks like this:



International T-3 evacuation signal, Adapted from UL 217, s34.3

- My smoke detector uses groups of three beeps, but the beeps are faster (or slower) than a UL 217 T-3. Is my smoke detector compatible with the HLAC150?
  - In many cases, yes. The HLAC150 recognizes signals that deviate significantly from the UL 217 standard for a T-3 alert. However, there are a few detectors that differ so much from the standard that the HLAC150 does not recognize them, and you will not be able to use such a detector to set up your HLAC150.
- My smoke detector emits only one T-3 signal when I press and release the test button. How can I use this detector to set up my HLAC150?
  - Try holding down the detector's test button for five or ten seconds. If the detector starts to emit a string of T-3 tones, release the test button. (On a Homefront alarm, hold down the test button until the alarm chirps and the triangle symbol flashes three times. Release the test button immediately after the third flash, and the alarm will emit ten T-3 signals.) When the HLAC150 recognizes your detector, proceed with the set-up. You may need to press the detector's test button again to stop the test tones. If holding the button down doesn't produce at least two

T-3 cycles, you can use a can of artificial smoke (Smoke Check is one brand) to force the detector to emit more than one T-3.

- My smoke detectors were installed years ago. Are they compatible with the HLAC150?
  - Over time, smoke detectors can lose sensitivity to smoke, and the National Fire Protection Association recommends replacing any smoke detector that is more than 10 years old. Almost all new smoke detectors purchased in the USA for residential use emit T-3 signals that are compatible with HLAC150.
- If I don't have a compatible T-3 smoke alarm, can I still use my HLAC150 as an alarm clock?
  - No. Although the HLAC150 includes a clock, the product is actually a piece of fire safety equipment. The HLAC150 will not permit you to set the clock or the wake-up alarm until the smoke-detector compatibility test has been successfully completed.
- Can the HLAC150 hear my smoke alarm through a closed door?
  - Probably. If your smoke alarm is not in the bedroom and you sleep with the door closed, you should set up the HLAC150 with the door closed. The HLAC150 adjusts its sensitivity to the T-3 alarm that it hears during the compatibility test, so you should perform the set-up under the same conditions. For maximum sensitivity, you can try to set up your HLAC150 with your most distant alarm. If at set-up the HLAC150 doesn't hear it, use a closer smoke alarm.
- Can I carry my HLAC150 with me and use it in a hotel when I travel?
  - Lifetone does not recommend this. Not all hotels use a T-3 alarm signal, and you might not be able to do the set-up and compatibility test with the hotel's alarm system. Instead, tell the hotel desk clerk that you need a room with a smoke alarm suitable for a person with hearing loss.

#### USING THE HLAC150 WITH AN INTERCONNECTED ALARM SYSTEM

- Can I use the HLAC150 with interconnected T-3 alarms?
  - If the alarms are synchronized so that the T-3 signals begin and end at the same time, certainly you can. If you have interconnected alarms that are not synchronized, the alarm that is closest (or loudest) must be at least 10 dB louder than the rest. Use the nearest alarm to set up the HLAC150, and afterwards do a live test with eight to ten T-3 cycles of that alarm to make sure the HLAC150 recognizes it (see "How do I do a live test?").

#### TESTING

- My HLAC150 is set up and working. Can I test it without going through the power-on sequence?
  - Yes, there are two ways to do this: a self test and a live test.
  
- How do I get the HLAC150 to do a self test?
  - Firmly press the red TEST/SILENCE button on the back until you see **TEST** appear on the screen; then release the button. After testing its speaker and microphone, the HLAC150 will pulse the bed shaker briefly, flash **FIRE**, and sound a low-frequency T-3 alarm. This takes about 30 seconds. The HLAC150 will then resume normal operation.
  
- How do I do a live test of the HLAC150?
  - To conduct a live test, activate your smoke detector for seven or eight consecutive, uninterrupted T-3 cycles. If your smoke detector sounds only one or two T-3 cycles when its test switch is pressed, you can use a can of artificial smoke (Smoke Check is one brand) to get the smoke detector to keep sounding. The HLAC150 should respond with its audible, visual, and tactile alerts for a fire. After silencing your smoke alarm, press the red TEST/SILENCE button to silence the HLAC150. Note: If you don't silence your smoke detector first, the HLAC150 hear your smoke detector again and will resume alerting you.
  
- How do I do a compatibility test?
  - You have to remove all power and perform the initial set-up again. Unplug the HLAC150 and remove one of the batteries. Replace the battery and follow the instructions under INITIAL SET-UP.
  
- How often should I test my HLAC150?
  - Lifetone recommends three test intervals.
    1. Perform the self test once a week.
    2. Perform a live test every time you change the batteries in your smoke alarm. If it is not convenient to do a live test, you may perform the set-up and detector compatibility test instead.
    3. Perform a compatibility test annually.
    4. In addition, you must do a compatibility test every time you replace or relocate your smoke alarm (see "INITIAL SET-UP").

#### SILENCING THE HLAC150 AFTER AN EMERGENCY ALERT

- My HLAC150 began sounding the alarm when I burned some toast. I pressed the red TEST/SILENCE button, but the HLAC150 started flashing **FIRE** again. How can I silence the HLAC150?
  - You need to silence your smoke alarm first. The HLAC150 doesn't have its own smoke detector; instead, it listens for an alarm signal from your existing smoke detector(s). If that alarm is still sounding, the HLAC150 will hear it and resume alerting you.

- Why do I have to silence my smoke alarm before I silence my HLAC150?
  - When you press the TEST/SILENCE button after a fire alert, the HLAC150 enters a two-minute period of enhanced sensitivity, indicated by a sine-wave icon () on the display screen. If you silence the HLAC150 first, you will probably not be able to get to your smoke alarm and silence it before the HLAC150 hears it again and resumes alerting you.
- I have two HLAC150s, and they set each other off. How can I silence them both?
  - The HLAC150 is designed to hear not only the high-frequency T-3 of a typical smoke detector but also the low-frequency alarm of another HLAC150 or HLAC100. Here's how to silence them after a false alarm or a test:
    1. First, silence your smoke detector(s).
    2. Second, unplug one of your HLAC units and carry it to the location of the other. Press the red TEST/SILENCE button on each. Then return the first HLAC to its usual location and plug it back in.

## ERROR MESSAGES AND TROUBLESHOOTING

- My HLAC150 is flashing **BATT** and chirping once a minute, and the bed shaker is vibrating briefly every minute. What's wrong?
  - First, don't unplug your HLAC150 from the wall outlet. **BATT** means that the batteries are missing, depleted, or incorrectly installed. When installing batteries, be sure to match the polarity markings (+ and -) shown in the battery compartment. The bottom of the battery goes toward the coiled spring. Lifetone recommends that you keep a spare set of four D-cell batteries.
- My HLAC150 is flashing **beds** and chirping every five seconds. What's wrong?
  - The most likely cause is that the bed shaker has come unplugged or the plug is not completely seated in the jack. Unplug the bed shaker and reseal it firmly in the jack. If that doesn't work, check the bed-shaker cord for damage. Replacement bed shakers are available from Lifetone.
- My HLAC150 is going off (alerting), and I don't know why.
  - The display screen will tell you. Look for one of these:
    1. If the screen is flashing **FIRE**, the HLAC150 has heard a T-3 signal. Evacuate the house and evaluate the situation from a safe location. **Never ignore any alarm.**
    2. If the screen is flashing **BATT**, you need to replace the batteries.
    3. If the screen is flashing **beds**, there is a problem with the bed shaker. Most likely it has come unplugged, or the plug is not completely inserted. Unplug the bed shaker and firmly plug it

back in. If the HLAC150 continues to flash **beds**, check for damage to the bed-shaker cord.

4. If the screen is flashing the time of day, the wake-up alarm is going off.
  5. If the screen is flashing all segments of the LCD display (**88:88** where the time of day is normally displayed, for example), there has been a failure. This usually indicates that the HLAC150 did not hear a compatible T-3 signal during set-up, but it may be because a recent power outage used up the last of the battery backup before the power came back on. Unplug the HLAC150, install fresh batteries if needed, and redo the set-up (see "INITIAL SET-UP").
- My HLAC150 is just sitting there and flashing **TEST**. What does this mean?
    - The HLAC150 is waiting for you to initiate the set-up procedure. Press the red TEST/SILENCE button on the back to begin the procedure (see "INITIAL SET-UP").
  - My HLAC150 alerts me even when my neighbor's smoke alarm sounds.
    - You can prevent this by redoing the initial set-up, this time using a closer (louder) smoke alarm.

## LOSS OF AC POWER

- What happens if I lose AC power?
  - The AC-POWER indicator light will go out. The upper left corner of the display screen will flash ERROR, and a power-plug icon () will flash. If set, the wake-up alarm will alert as usual during the first 24 hours of a power outage. Normal operation will resume when AC power is restored.
- How long will my HLAC150 operate without AC power?
  - The HLAC150 will operate for a minimum of 7 days (168 accumulated hours) on battery backup, and the emergency alarm will still be able to sound at full power for at least 4 minutes. When the batteries become depleted to the point that they have only 24 hours of backup power left, you will get a low-battery alert.

## PERSONAL ASSISTANCE

- Can I get help from an expert?
  - Certainly! Your safety is important. Call our technical support line at **800-648-7923** (outside the U.S. call 405-200-1698). A member of our U.S.-based technical staff will be happy to assist you.



## Marietta Fire Department Post Inspection Evaluation

Inspector's Grade

Use the numbers 1-5 to assign a number you feel describes the Firefighter who performed your Home Safety Inspection and installed your Lifetone Bedside Fire Alarm.

	1 Very Displeased	2 Somewhat Displeased	3 No Opinion	4 Somewhat Pleased	5 Very Pleased
Trait	Score	Comments			
Arrived on time					
Knowledgeable					
Courteous					
Had a professional appearance and demeanor					
Answered all of my questions					
Seemed Organized					
Performed a thorough inspection					
Total Points		Name of the Fire Department Inspector:			
Possible Points	30				

**Grade**





## Faces of Fire – Human Impact Fact Sheet

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### **Home fire sprinklers protect lives and property against fires.**

Home sprinkler systems respond quickly to reduce the heat, flames and smoke from a fire, giving families valuable time to get to safety.

- Despite the effectiveness of smoke alarms in saving lives, approximately 3,000 people in the United States die in home fires each year, accounting for 80 percent of all fire deaths.
- In reported home fires, the risk of dying decreases by 80 percent when sprinklers are present.
- People in homes with sprinklers are protected against significant property loss – sprinklers reduce the average property loss by 74 percent per fire.
- Any resulting water damage from the sprinkler will be much less severe than the damage caused by water from fire-fighting hose lines. On average, home fire sprinkler systems use about eight times less water than fire hoses.

### **Home fire sprinklers are affordable.**

The Fire Protection Research Foundation recently issued the Home Fire Sprinkler Cost Assessment report, which demonstrated that the cost of installing home fire sprinklers averages \$1.61 per square foot for new construction.

- Many people pay similar amounts for upgrades such as carpeting, stone driveways or whirlpool baths.
- Homes with fire sprinklers are selling faster than those without fire sprinkler systems.
- Installation of home sprinklers can help residents cut homeowner insurance premiums and help qualify homes for tax rebates.

### **Home fire sprinklers act independently from smoke alarms.**

Each individual sprinkler is designed and calibrated to go off when it senses a significant heat change.

- Home fire sprinklers do not operate in response to smoke, burned toast, cooking vapors, steam or an activating smoke alarm.
- Only the sprinkler closest to the fire will activate, spraying water directly on the fire.
- Roughly 90 percent of the time, just one sprinkler operates.



## FREQUENTLY ASKED QUESTIONS (FAQs)

### **If one sprinkler goes off, do they all go off?**

Sprinklers activate independently; only the sprinkler(s) closest to the fire will activate. In most home fires only one sprinkler is needed to control a fire.

### **If I burn the toast will the sprinkler activate?**

Fire sprinklers do not respond to smoke; they respond to the high temperature of a fire – about 135° to 165°F. Smoke caused by cooking or cigars cannot and will not cause a sprinkler to activate.

### **Will my sprinklers leak?**

Sprinkler mishaps are generally less likely and less severe than home plumbing system problems.

### **Is post-fire water damage from sprinklers worse than fire damage would be without sprinklers?**

Fire damage and water from high-pressure fire hoses is far greater. A residential sprinkler flows 10-26 gallons of water per minute, for approximately 10 minutes (or less if the fire department turns the water off sooner). An uncontrolled fire will cause far greater fire destruction and smoke damage, requiring a tremendous amount of water from fire department hoses – more than 10 times the water per minute. The property loss in a sprinklered home fire is typically only a fraction of the loss in an unsprinklered home fire.

### **Won't the fire department be able to put out the fire and save my things?**

A 9-12 minute fire department response time is considered good in most communities. In that time, an uncontrolled fire will have grown and spread through the home, causing tremendous smoke and fire damage before the fire department can get there.

### **Will my sprinklers freeze in the winter?**

Freezing is not a problem with proper installation. The national sprinkler installation standard provides guidance for proper installation in cold regions, including appropriate additional insulation and anti-freeze usage.

### **Since I have smoke alarms why do I need fire sprinklers?**

Smoke alarms are essential in every home, but they can only detect a fire. To be effective, residents must be willing and able to respond quickly to the alarm. Fire sprinklers detect the fire and automatically control or extinguish it, paving the way for residents to make a safe escape – and also protecting property and valuables. The best protection from fire is having both smoke alarms and a fire sprinkler system.

### **Are sprinklers allowed by my homeowner's insurance?**

Most insurance companies provide financial incentives to encourage homeowners to protect their homes from fire loss. HFSC research shows that fire sprinkler discounts range from 5% to 30% off homeowner policy premiums. Insurance rates and discounts vary by state. Check with your insurer and shop around for the best discount.

### **Are fire sprinklers expensive?**

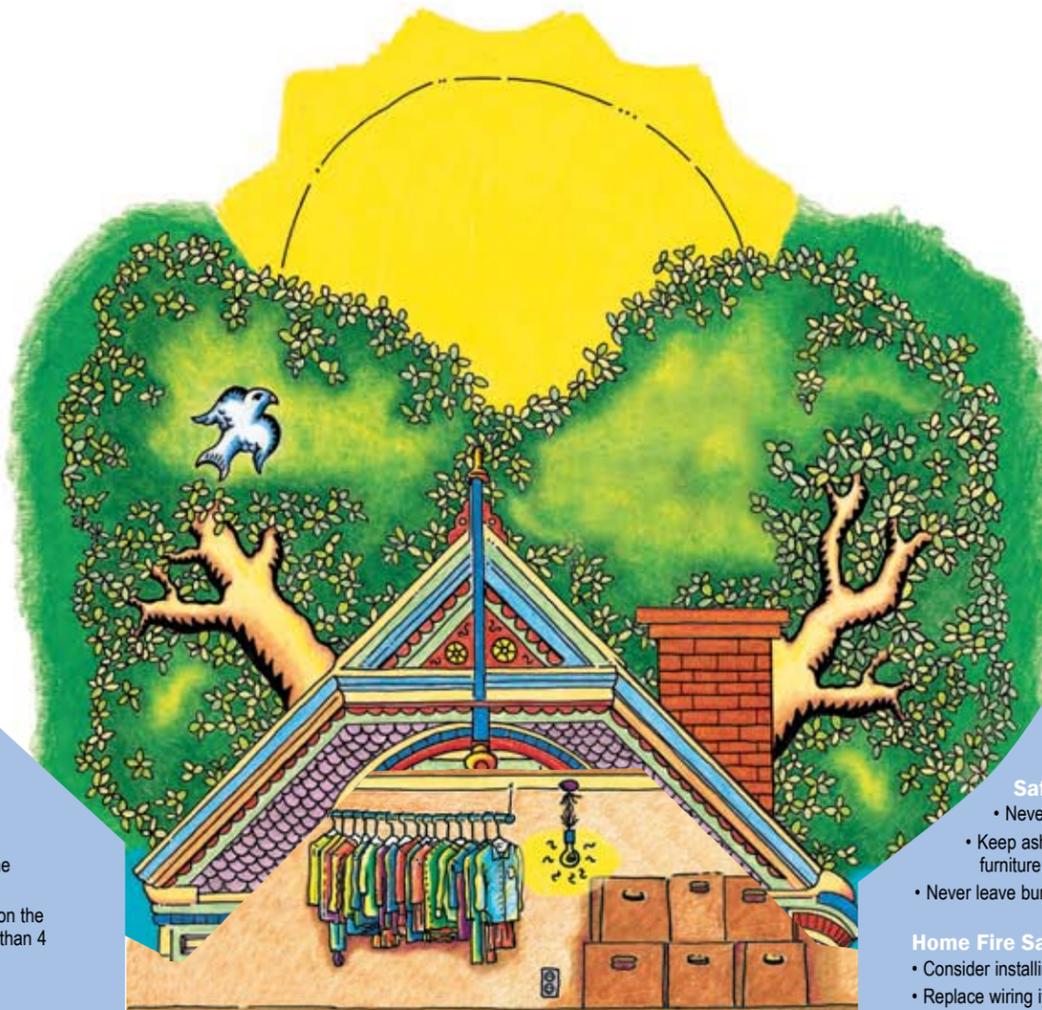
The cost to install home fire sprinklers varies. In areas where competition is brisk, sprinklers are well below \$1 per square foot; in areas without many residential installers the cost is higher. On average, a good rule of thumb is about 1- 1.5 percent of the total cost of new construction.

### **Will fire sprinklers ruin my décor?**

Residential fire sprinklers are actually smaller than most recessed lighting. Unlike sprinklers in warehouses and public buildings, residential sprinklers are designed to blend into ceiling and wall paint and can be completely concealed beneath plates.

### **Are fire sprinklers difficult to maintain?**

No maintenance is needed. Regular flow tests should be conducted and homeowners can do these simple tests themselves or have the sprinkler contractor do it every year or so. It's a good idea to check sprinklers and pipes occasionally to be sure nothing is obstructing potential water flow. Water valves should be routinely checked or kept padlocked in the "turned on" position.



#### Smoke Alarms

- Place smoke alarms near bedrooms and on every level of the home.
- Test the batteries monthly and change the batteries at least once a year.
- Install smoke alarms on ceilings or high on the wall, with the top of the alarm not closer than 4 inches from the ceiling.

#### Safe Heating Practices

##### Alternative Heaters

- Keep heaters at a safe distance from curtains, furniture and all combustibles.
- Place heaters where they will not be knocked over easily.

##### Kerosene Heaters

- Fill only with K-1 Kerosene, and never use gasoline or camp stove fuel.

##### Electric Space Heaters

- Plug heaters directly into the wall socket, and not into extension cords.
- Unplug heaters when they're not being used.

##### Woodstoves and Fireplaces

- Always use a protective screen.
- Clean interiors, hearths and chimneys yearly.

#### Safe Cooking Practices

- Don't leave cooking food unattended on the stove.
- Keep dangling clothing away from burners and keep curtains and other combustibles away from the stove.
- Make sure the stove is off and small appliances are unplugged before going to bed.

#### Safe Smoking Practices

- Never smoke in bed.
- Keep ashtrays away from upholstered furniture and curtains.
- Never leave burning cigarettes unattended.

#### Home Fire Safety

- Consider installing residential fire sprinklers.
- Replace wiring if it's frayed or cracked.
- Avoid overloading outlets.
- Extinguish all candles when leaving the room or going to sleep. Keep candles away from paper and fabrics.

#### Children and Fire Safety

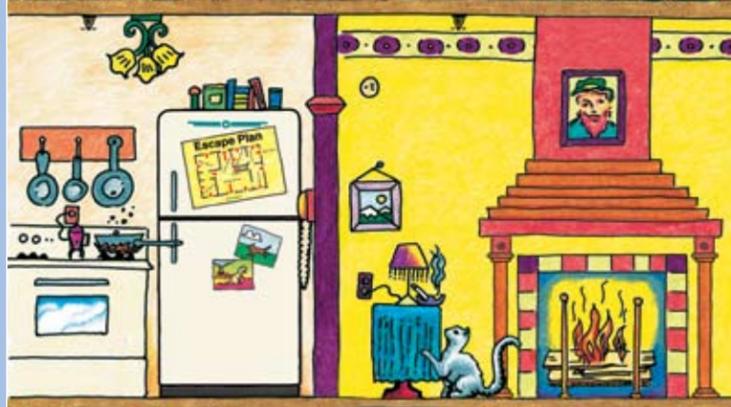
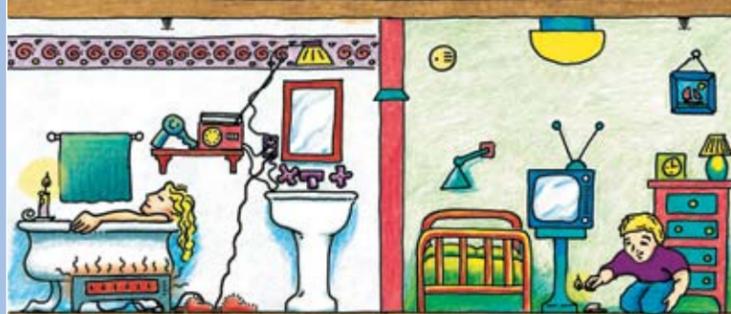
- Keep matches and lighters away from children.
- Familiarize children with the sound of the smoke alarm and teach them when one sounds off, crawl low, leave the house, and meet at the designated place outside.

#### Home Fire Escape Plan

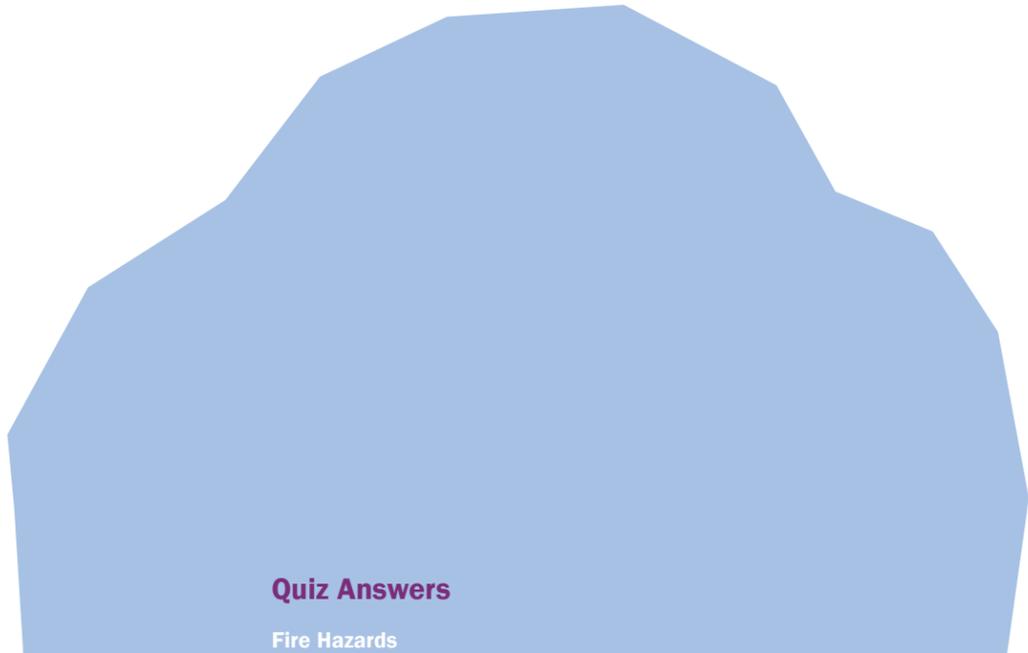
- Develop and practice a fire escape plan. Draw a diagram of the home. Mark all windows and doors, and plan two routes out of each room.
- Have a safe meeting place outside the home and never go back inside.

Take a few minutes to walk through your home and use the checklist to make sure your home is fire safe!

Fire Safety Checklist by the U.S. Fire Administration



In this home, there are 11 fire hazards and 9 fire safety devices. Find all of them using the fire safety checklist. Answers are on the back.



## Quiz Answers

### Fire Hazards

**Attic**

- Frayed wire on light bulb

**Bathroom**

- Heater can be knocked over
- Overloaded outlet
- Lit candle near towel rack
- House shoes in front of heater

**Bedroom**

- Child playing with matches

**Kitchen**

- Cooking food unattended
- Small appliances left plugged (on stove)

**Living Room**

- Unattended cigarette on table
- No screen in front of fireplace

**Basement**

- Flammable materials next to open flame in water heater

### Fire Safety Devices

**Bathroom**

- Sprinkler

**Bedroom**

- Smoke alarm
- Sprinkler

**Kitchen**

- Sprinkler
- Fire escape plan displayed on fridge

**Living Room**

- Smoke alarm
- Sprinkler

**Basement**

- Smoke alarm
- Sprinkler

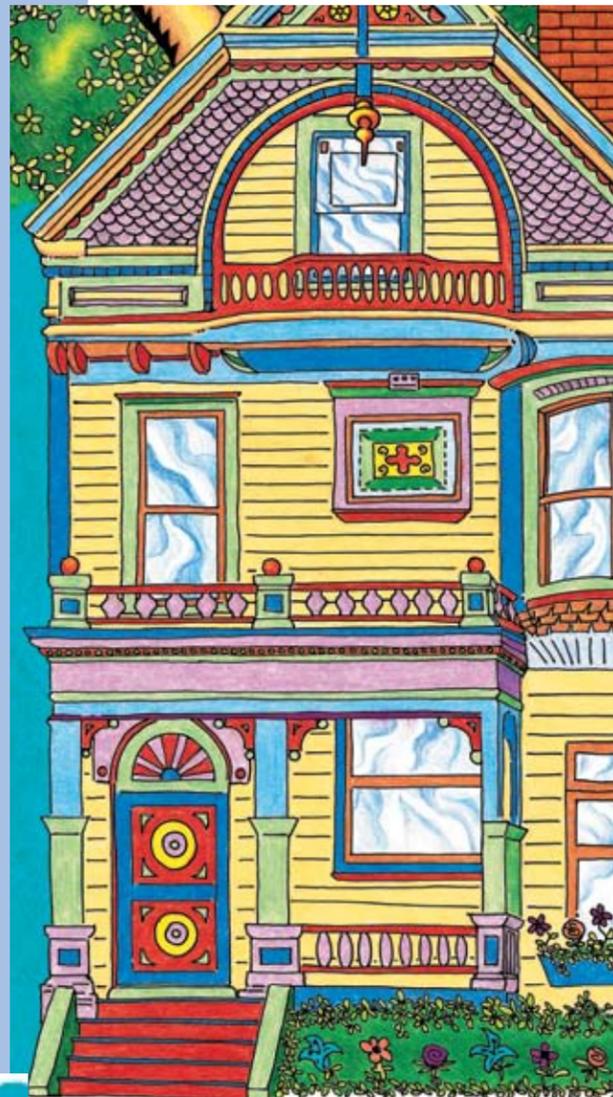
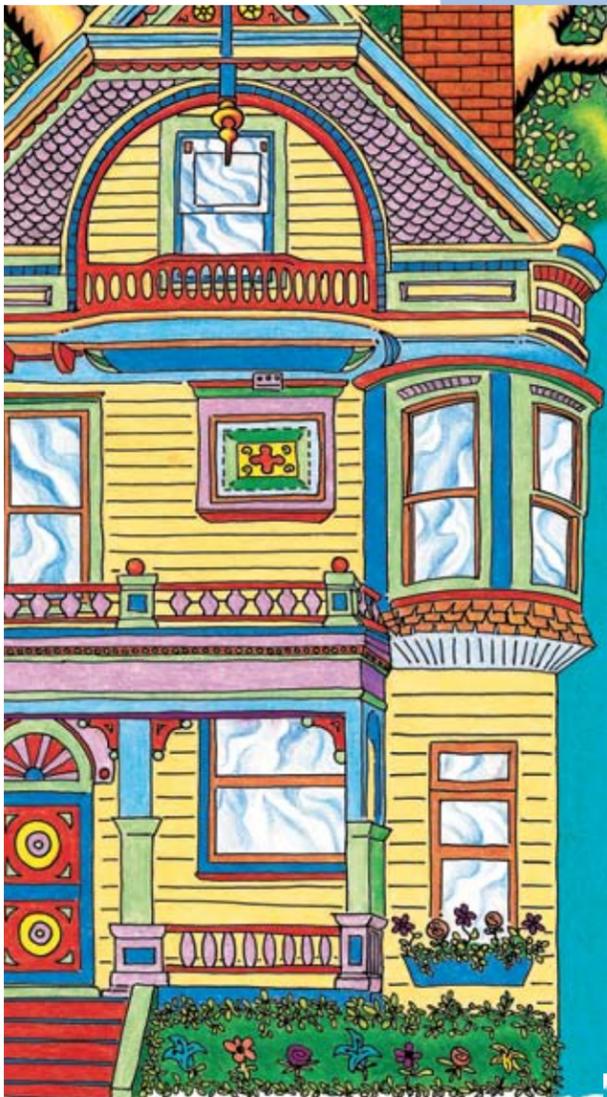
For more information about how to keep your home and family safe from fire, please write to:

**U.S. Fire Administration**  
16825 South Seton Avenue  
Emmitsburg, MD 21727

Or visit: [www.usfa.dhs.gov](http://www.usfa.dhs.gov)



FA-285, July 2004





Deaf \*Hard of Hearing\*Deaf-Blind\*Speech-Impaired\*Deaf\*Hard of Hearing\*Deaf-Blind\*Speech-Impaired

## Are you having trouble hearing or communicating on the telephone?

*You may qualify for a **FREE** TTY, Amplified Telephone, Braille TTY, or Speech Communication Equipment that can solve your communication needs?*

**How? You can request an application from GATEDP.**

Want to know more? Go to our website at  
<http://www.gachi.org/gatedp/intro.htm>

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### For More Information

- **Toll Free Phone:** 888.297.9461 (TTY/Voice)
- **Email:** [hcarter@gachi.org](mailto:hcarter@gachi.org)
- **Fax:** 404.297.9465



## Helpful Links

<a href="http://Epeachynews.com">Epeachynews.com</a>	E-Peachy News was created for the Deaf, Hard of Hearing & Hearing people to be aware of events, workshops, meetings & jobs in Georgia since May 29, 1999.
<a href="http://lifetonesafety.com">lifetonesafety.com</a>	The Lifetone HL alarm provides a solution to at risk groups that include children, seniors, and hard of hearing individuals. Our UL listed alarm provides a novel solution that is saving lives and helping the world sleep safely.
<a href="http://ada.georgia.gov">ada.georgia.gov</a>	The Americans with Disabilities Act, or ADA, provides comprehensive civil rights protections to individuals with disabilities in the areas of employment, public accommodations, state and local government services and telecommunications.
<a href="http://dhr.georgia.gov">dhr.georgia.gov</a>	The GCHIDP was created in 2007 and serves to advocate on behalf of hearing impaired persons by working to ensure those persons have equal access to the services, programs, and opportunities available to others.
<a href="http://gachi.org">gachi.org</a>	Established in 1989, GACHI is a statewide nonprofit organization that provides a variety of assistive services to the deaf and hard of hearing, their family members, friends, and local, state, and federal agencies. In addition to our main office in Decatur, we operate satellite offices in Columbus, Cedartown, Augusta, Macon and Hinesville.
<a href="http://lepsi.dhr.georgia.gov">lepsi.dhr.georgia.gov</a>	The Georgia Department of Human Services is committed to ensuring that limited English proficient (LEP) and sensory impaired (SI) customers have meaningful access to all programs and activities conducted or supported by the department.
<a href="http://tap.gallaudet.edu">tap.gallaudet.edu</a>	The Technology Access Program (TAP) conducts research related to communication technologies and services, with the goal of producing knowledge useful to industry, government, and deaf and hard of hearing consumers in the quest for equality in communications. The program provides education to Gallaudet students through coursework and mentored research projects related to TAP's research mission.
<a href="http://usfa.dhs.gov">usfa.dhs.gov</a>	As an entity of the Department of Homeland Security's Federal Emergency Management Agency, the mission of the USFA is to provide national leadership to foster a solid foundation for our fire and emergency services stakeholders in prevention, preparedness, and response.