Homefront recommends a combination of early-detecting Smoke Alarms and reliable Heat Alarms installed in their appropriate locations throughout the home.

Heat and Smoke Alarms are not a substitute for an adequate homeowner’s fire insurance policy.
About Your New Dual Sensor Photoelectric Smoke Alarm

Thank you for purchasing the Homefront Smoke Alarm. The smoke alarm plays an important role in protecting your family and home from the dangers of fire. Please carefully read and follow the information in this booklet to ensure that your Alarm operates properly and is located in the areas best suited for activation.

What Makes the Homefront Alarm Different?

- Illuminated status icons for Power, Warning, Low Battery, and Fire
- Two modes of electronic temperature sensing for a very fast response
- Dual functioning Test and Silence button
- Easy to access and clean smoke chamber and bug screen
- Attractive and durable materials for a sturdy, high-quality alarm

Key Features

- The latest photoelectric smoke sensing technology.
- Electronic temperature sensing with Rate of Rise and Fixed Temperature triggers.
- Radio communication to connect all RF360T alarms into their own Home Network.
- Powered by easily available AA alkaline batteries.
- Easy maintenance with separable sections and removable bug screen.
- Four illuminated icons to demonstrate alarm status.
- Multi-function button to allow for testing and silencing of unwanted triggering.
- Uniquely loud horn to notify occupants of fire danger.
- Top quality construction to ensure beautiful appearance and durability.

Contents of Your Kit

Please make sure the following is included in your kit:

- Batteries (4 pack)
- Alarm
- Plastic Anchors (2)
- 1” Screws (2)
- Instruction Manual
- Mounting Bracket
- Wire Harness
- Wire Nuts

Battery Version Only

Plastic Anchors (2)
1” Screws (2)
**Recommended Locations for your Smoke Alarm**

**Bedrooms.** A major threat from fire occurs at night when people are sleeping. Smoke alarms are required protection in all sleeping rooms.

**Hallways.** A principal threat to people sleeping in bedrooms comes from fires elsewhere in the home. A smoke alarm is required to be located outside of each sleeping area, and on every level of the home.

**Basements.** A smoke alarm is required on every level of the house, including the basement and in living areas of guest suites.

**Living Rooms.** To enhance safety, a smoke alarm should be located in the living room of a home.

**Recreation and Dining Rooms.** For additional protection, a smoke alarm should be located in the other living spaces of the home.

**Areas Not Appropriate for Smoke Alarms**

**Kitchens.** Do not install near kitchen appliances. Steam and by-products of cooking might cause nuisance alarms.

**Garages.** Do not install in garages. Exhaust gases from vehicles can trigger the smoke alarm.

**Attics.** Do not install in attics. A smoke alarm can be affected by dust, small insects or high temperatures. Do not install the alarm in areas where the normal ambient temperature can exceed 100°F (38°C).

**Utility and Furnace Rooms.** Do not install close to equipment that can create steam and gas. This steam and gas can trigger the smoke alarm.
National Fire Protection Association Standards

This equipment should be installed in accordance with the National Fire Protection Association’s Standard 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269).

For your information, the National Fire Protection Association’s Standard 72, 2010 Edition, Section 29.5.1 covering required protection in One- and Two-Family Dwelling Units, reads as follows:

29.5.1.1 Required Detection. 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 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 the 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 areas(s) of a residential board and care occupancy (small facility)

The required number of smoke detectors might not provide reliable early warning protection for those areas separated by a door from the areas protected by the required smoke detectors. For this reason, it is recommended that the householder consider the use of additional smoke detectors for those areas for increased protection. The additional areas include the basement, bedrooms, dining room, furnace room, utility room, and hallways not protected by the required smoke detectors. The installation of smoke detectors in kitchens, attics (finished or unfinished), or garages is not normally recommended as these locations occasionally experience conditions that can result in improper operation.

Note: Applicable building codes or other local laws may require the installation of additional fire alarms in addition to the minimum recommended by the NFPA.

Complete Home Fire Protection

Homefront recommends complete home fire protection. This can be achieved by installing a combination of Smoke and Heat Alarms in their appropriate locations in every room of the house.

Key
- NFPA Minimum Req’d Smoke Alarms in New Construction
- Recommended Heat Alarm locations
- Interconnections

Acceptable interLINX Alarm Spacing

The interLINX network communicates using radio frequency. The range of the radio has been tested to 100 feet (30.5 m) in open area distance testing.

Each alarm will also act as a repeating station, so any signal received by an alarm will be rebroadcast.

After final installation, test all alarms for proper interLINX radio connection. Just press the test button of an alarm while having a helper observe the remote alarms.
### Alarm Features and Functions

#### Power Indicator Light
On Model RF-360TB (Battery-Only powered), the POWER icon will briefly flash once per minute.

On Model RF-360TEB (AC with Battery Back-up), the POWER icon will run continuously while AC powered.

#### Warning/Trouble Light
WARNING will flash once per second to indicate that the interLINX network is open to accept new alarms.

WARNING can also indicate a problem with the alarm’s smoke sensitivity. In this case, the WARNING light will flash once per minute accompanied by the horn chirp.

*If this occurs, clean the alarm (as described in this manual)*

#### Low Battery Warning Light
BATTERY will flash once per minute accompanied by the horn chirp to indicate the batteries must be replaced.

Replace batteries only with Energizer E91 AA batteries.

#### Fire Warning Light
FIRE will flash when alarm detects sufficient smoke or heat. This is accompanied by the sounding of the horn.

FIRE will stay on continuously if the alarm was triggered remotely by another alarm on the interLINX network.

#### Silencing Nuisance Alarms
The Homefront family of alarms is equipped with a silence feature that will decrease the sensitivity of the alarm and silence nuisance alarms.

If in the course of normal activity, cooking smoke, steam or other gases cause the alarm to activate, the alarm can be silenced for ten minutes by pressing the button on the front face of the alarm.

The silence feature will also silence any alarms that were triggered remotely. However, the initiating alarm must be silenced directly.

*If the quantity of smoke is too great, the alarm will not silence until the air has cleared sufficiently.*

#### Testing the Alarm
Every alarm should be tested weekly to ensure proper operation.

To test the alarm, press and release the button on the front face.

The alarm will sound with 3 or 4 beeps and FIRE will flash rapidly.

All four icons will strobe to indicate proper function.

The alarm will then send out a network test command and all other alarms on the network will perform the steps above.

*If the alarm fails, the horn will sound. Clean the alarm (as described in this manual) and retest. If the alarm still fails, contact the manufacturer.*
Creating Your interLINX Network

The Homefront alarm communicates on its own private interLINX Network. This network is created simply by powering up new alarms one at a time.

Install the 4 AA batteries into the first alarm.

General Note: It is easiest to first create the interLINX network while all alarms are located together, such as on a table.

The WARNING light will begin to flash slowly.

While the WARNING light is flashing at this rate, additional alarms may be added to your network.

Install (4) AA batteries into the next alarm.

After a few seconds, the alarm will chirp twice and all four of the lighted icons will strobe on.

This alarm has been added to your network!

Continue installing batteries to each new alarm, one alarm at a time, until all alarms have been added to the network.

One minute after installing the last set of batteries, the WARNING light will stop flashing on the original alarm, and it will join the network. The network is now closed.

General Note: The interLINX network is limited to 18 total units. Only 12 of these units may be smoke alarms.

Adding an Alarm to Your interLINX Network

In the event that an alarm must be added to the interLINX network after it has closed, the following steps must be taken to reopen the network.

Select any alarm on the existing network. Press and hold the button on the front cover of the alarm. The FIRE light will flash rapidly and the alarm will sound three tones.

Continue holding the button down.

Next, the WARNING light will begin to flash. Count 5 flashes of the WARNING light and release the button.

The WARNING light will now slowly pulse, signaling the network is again ready to receive alarms.

Install batteries into the new alarm being added to the network.

After a few seconds the alarm will chirp twice and all four of the lighted icons will strobe on.

The alarm has been successfully added to your network!

After one minute, the WARNING light will stop flashing on the original alarm and the network will close.
Removing an Alarm from Your interLINX Network

In the event that an alarm must be removed from your interLINX network, the following steps must be taken.

Press and hold the button on the front cover of the alarm. The FIRE light will flash rapidly and the alarm will sound three tones. Continue holding the button down.

Next, the WARNING light will begin to flash. Count 10 flashes of the WARNING light and release the button.

The alarm will chirp twice and all four of the lighted icons will strobe on.

The alarm has been removed from the network.

After one minute, the WARNING light will stop flashing and the alarm will function as a stand-alone unit.

Reset the alarm by removing the (4) AA batteries and immediately re-installing them. After a few seconds the alarm will chirp twice and all four of the lighted icons will strobe on.

Choosing the Mounting Location in a Room

**BEST**
Center on ceiling.

**ACCEPTABLE**
On ceiling, at least 4” (10cm) from intersection with wall.

On wall, at least 4” (10cm) from ceiling, and within 16” (41cm) of intersection with ceiling (if local codes permit wall mounting).

On peaked ceilings or roofs, mount at least 4” (10cm) from the upper corner, but high enough to allow a maximum of 36” (91cm) of horizontal air space as measured off the peak.

Do not mount Alarm between joists or rafters; mount on the exposed surface of the joist.

On sloped ceilings, at least 4” (10cm) from the upper corner, but high enough to allow a maximum of 36” (91cm) of horizontal air space as measured off the peak.

**OK**
Install on exposed face of joist or rafter.

**NO!**
Do not install between joists or rafters.
How to Mount the Battery Powered Alarm

1. **Mark**
   - Place the mounting bracket against the ceiling or wall, and using the mounting bracket as a template, mark the top and bottom holes with a pencil.
   - If installing an AC powered alarm, with the electrical power off to the line, simply attach the bracket to the electrical box with the existing screws. See wiring diagram in this manual for connection information.

2. **Drill**
   - Using a 1/8” (3mm) drill bit, drill two pilot holes in the center of the two marked hole locations. This will determine if a wood beam or stud is present.

3. **Fasten Bracket**
   - **Situation A: Wood**
     - If wood is present behind the drywall, securely fasten the mounting bracket to the wall using the two 1” screws.

4. **Lock Into Place**
   - With the batteries installed and the alarms fully networked together, position the Smoke Alarm onto the center of the bracket and turn clockwise. The Alarm will lock into place.

Situation B: No Wood
- If no wood is present, use a Phillips screwdriver to screw the two plastic wall anchors into the pre-drilled holes until fully seated. Then secure the mounting bracket to the wall anchors using the two 1” screws.

Situation C: Combination
- Where there is no wood present, first screw the plastic wall anchor into the pre-drilled hole using a Phillips screwdriver.
- Then secure the mounting bracket in place using the two 1” screws.
How to Wire and Mount the AC Powered Alarm

When installing an AC powered alarm (Model RF-360TEB), the mounting location is determined by the position of the electrical box that will power the alarm. **Electrical power to the box must be disconnected prior to alarm connection and installation!**

**With the AC power turned off,** connect the wire harness provided with the alarm.

- Connect the black wire of the harness to the black wire(s) in the electrical box.
- Using the supplied orange wire nut, cap the red wire (not used) and push it back inside the electrical box.
- Connect the white wire of the harness to the white wire(s) in the electrical box.

Align and attach the mounting bracket with the two screws from the electrical box. Pass the wire harness through the center of the bracket.

Plug the wire harness into the back of the alarm.

Press and twist the alarm clockwise into place (see Step 4 of previous section).

Reconnect power to the AC lines of the smoke alarm circuit. The POWER icon will glow continuously.

Cleaning Your Alarm

Over time dust might collect inside your alarm, altering its performance. If this occurs, the WARNING icon will flash and the horn will chirp once per minute. To clean the alarm perform the following:

- Remove the alarm from its bracket. With an AC powered alarm the wire harness must be disconnected.
- Using a coin as a screwdriver, rotate the 4 corner slots on the back of the alarm counter-clockwise and carefully separate the two halves of the alarm.
- Twist the round bug shield counter-clockwise to remove.
- The removed bug shield can be rinsed with water when removed from the alarm. Allow to air dry completely before reinstalling.
- **Do not submerge the complete smoke alarm in water. The sensitive electronics will be damaged!**
- Vacuum all the internal surfaces carefully. Wipe with a clean cloth.
- Reassemble the alarm. Rotate the 4 corner slots clockwise to tighten.
- Re-install the batteries. All four lighted icons will strobe on and the WARNING icon should no longer flash. Re-mount the alarm on the wall or ceiling.

*If the WARNING icon flashing persists, return the alarm to the manufacturer.*
### Alarm Specifications

**Operating Voltage**
- RF-360TB: 3VDC
- RF-360TEB: 120VAC, 60 Hz

**Standby Current**
- RF-360TB: 114uA
- RF-360TEB: 2mA (AC)/560uA (backup battery)

**Alarm Current**
- RF-360TB: 60mA
- RF-360TEB: 17mA/75mA

**Battery Type**
- (4) 1.5v Energizer E91 Alkaline

**Sensitivity**
- 1.0% to 3.0%

**Operating Ambient Temperature**
- 40°F - 100°F

**Operating Humidity**
- 0 - 95% Non-condensing

**Alarm Dimensions**
- 5.1” x 5.1” x 2.7”

**Mounting Base Dimensions**
- 5.0” x 5.0”

**Weight**
- 1.2 lbs (with batteries)

**Heat Sensing**
- Fixed Temperature: 135°F
- Rate of Rise: 15°F / minute, > 100°F

**Listings**
- UL; CSFM

### Important Fire Safety Information

Be prepared for fire emergencies:

**Plan Your Escape**
- Draw a floor plan of your home.
- Show two ways out of each room.
- Discuss escape routes with everyone in your home.
- Agree on an outside meeting place where you’ll gather after escaping.

**Be Prepared**
- Familiarize every member of the household with the sound of the Smoke and Heat Alarms.
- Have everyone in the home memorize the fire department’s emergency phone number.
- Instruct each person to call the emergency number from a neighbor’s phone or a mobile phone used outside the home.
- Teach everyone to unlock and open all windows, and release security bars.
- Make sure security bars are equipped with quick-release devices.
- Keep exits clear and free from furniture and clutter.

**Practice!**
- Hold home fire drills at least twice a year.

**Get Out and Stay Out**
- Once you’ve escaped from a fire, do not go back inside for any reason.
- Make fire drills realistic by pretending some escape paths are blocked by smoke or fire.

**If you live in an apartment building**
- Learn and practice your building’s evacuation plan.
- If you hear a fire alarm, react immediately.
- Know the location of all building exits and fire alarm boxes.
- Use the stairs ... never use an elevator during a fire.
- If exits are locked or blocked, report the problem to your building’s management.

**Escape Tips**
- Close doors behind you as you escape to slow the spread of fire and smoke.
- If you have to escape through smoke, crawl on your hands and knees, keeping your head one to two feet above the floor, where the air will be clearest.
- Test the doorknob and spaces around the door with the back of your hand. If the door is warm, try another escape route. If the door is cool, open it slowly. Close it quickly if smoke pours through.
Warning! Limitations of Smoke Alarms

Wireless smoke alarms have been proven to be both effective and reliable, but they may not be effective under all conditions. No alarm design can offer total protection of life and property. A smoke alarm is not a substitute for an adequate homeowner's fire insurance or life insurance policy.

Smoke alarms will not work without a source of power. The alarm will not operate and the alarm will not sound if the batteries have died or been removed. Or in the case of an AC powered alarm, the wiring has not been properly connected.

Radio communication between alarm units may fail to take place if significant changes to the home have occurred since installation and testing. Moving large objects such as a refrigerator or metal cabinet could impede alarm radio performance.

Alarm warning signal may not be heard. A deep sleeper, hearing-impaired person, young child or someone impaired by drugs or alcohol may not awaken in response to an alarm activation. This can occur even when an alarm is located inside the individual's bedroom. Be sure fire drills are practiced that take this possibility into account.

Smoke alarms may not always activate and provide early enough warning. A smoke alarm will only activate when it is maintained in working order and sufficient smoke reaches the unit. Certain fires can originate inside of walls, attics or on the other side of closed doors. This may prevent smoke from reaching the alarm.

High heat and flame incendiary fires might block egress. Even with properly placed alarms, certain flaming fires might occur and grow so quickly as to block exit from the home.

SMOKE ALARMS CAN NOT GUARANTEE THAT YOU WILL NEVER SUFFER ANY DAMAGE OR INJURY FROM A FIRE.

Limited Warranty

For a period of 24 months from the date of purchase, Applied Fire Technologies LLC warrants to you, the original consumer purchaser, that your Homefront Smoke Alarm will be free from defects in workmanship, materials, and construction under normal use and service. If a defect in workmanship, materials, or construction should cause your Homefront Smoke Alarm to become inoperable within the warranty period, Applied Fire Technologies will repair your Homefront Smoke Alarm or furnish you with a new or rebuilt replacement Homefront Smoke Alarm without charge to you except for your costs of shipping the Homefront Smoke Alarm to Applied Fire Technologies for warranty coverage. Your repaired or replacement Homefront Smoke Alarm will be returned to you without charge and will be covered under this warranty for the balance of the warranty period.

This warranty will not apply if inspection of your Homefront Smoke Alarm shows that the damage or failure was caused by abuse, misuse, abnormal usage, faulty installation, improper maintenance, or work other than that performed by authorized service personnel.

Any warranties implied under any State law, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the period of this limited warranty. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Neither the Homefront manufacturer nor Applied Fire Technologies will be liable for any loss, damage, incidental or consequential damages of any kind arising in connection with the sale, use, operation, inoperability, malfunction, or repair of your Homefront Smoke Alarm. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

If a defect in workmanship, materials, or construction should cause your Homefront Smoke Alarm to become inoperable within the warranty period, to obtain warranty coverage you must ship the Homefront Smoke Alarm to Applied Fire Technologies, with shipping costs prepaid by you. You must also pack the Homefront Smoke Alarm to minimize the risk of it being damaged in transit. You must also enclose a return address. Homefront Smoke Alarms returned for warranty service should be sent to: Applied Fire Technologies LLC, 801 Hammond Street, Suite 200, Coppell TX 75019, accompanied by proof of purchase.

If Applied Fire Technologies receives a Homefront Smoke Alarm in a damaged condition as the result of shipping, you will be notified and you may need to file a claim with the shipper.

This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from State to State. This is your copy of the Limited Warranty on your Homefront Smoke Alarm. Please retain it, along with proof of purchase showing the date of purchase and the identity of the purchaser, in a safe place.
25 Year Product Replacement Guarantee

After the above Limited Warranty has expired, commencing on the first day of the 25th month and extending through the last day of the 324th month following the date of purchase, the manufacturer of the Homefront Smoke Alarm guarantees to repair or replace the smoke alarm at a preferred owner discounted price which includes shipping and handling and is adjusted annually. This Product Replacement Guarantee does not create any obligations or liabilities on the part of Applied Fire Technologies.

This guarantee is extended only to the original purchaser and is available when the smoke alarm is sent to the manufacturer, with a description of any problem and proof of purchase. This replacement guarantee will not apply if the manufacturer’s inspection reveals that the damage or failure is a result of abuse, misuse, improper maintenance, abnormal usage, or work performed by unauthorized service personnel. At least an annual cleaning (according to the directions supplied in this owner’s manual or set forth at www.homefrontalarms.com) is recommended to prolong the useful life of your Homefront Smoke Alarm.

To obtain a replacement under this guarantee, contact the manufacturer at www.homefrontalarms.com or at (972) 304-3923, to receive information as to then-applicable pricing and for the address to which you should send your Homefront Smoke Alarm along with payment for your replacement alarm. Be sure to enclose your return address and daytime telephone number. The Homefront manufacturer will ship the new replacement unit to you upon its receipt of all of the foregoing materials and information.

This Product Replacement Policy does not alter or affect your Limited Warranty, set forth above.

Lifetime Fire Replacement Guarantee

The Homefront Smoke Alarm manufacturer guarantees to replace at no cost to the original owner any Homefront Smoke Alarm that has been materially damaged or destroyed by an accidental fire. To obtain a replacement alarm under this Lifetime Fire Replacement Guarantee, you must return the damaged or destroyed smoke alarm to the manufacturer within 90 days of the fire, accompanied by a complete activation report and verification report from the applicable fire department. To obtain a replacement under this guarantee, contact the manufacturer at www.homefrontalarms.com or at (972) 304-3923, to receive information as to the address to which you should send your damaged or destroyed Homefront Smoke Alarm and accompanying information.