



Product Summary

The freeze sensor detects low temperature conditions which may indicate furnace failure. The sensor contains a bimetallic thermal switch connected to a built-in transmitter. When the surrounding temperature drops to approximately 41°F (5°C), the sensor transmits an alarm signal. When the surrounding temperature rises to 50°F (10°C), the sensor transmits a restore signal.

Tools and Equipment Needed

- Slotted screwdriver

Installation Guidelines

Do...

- program and test the sensor *before* mounting it.
- install the transmitter within 100 feet (30.5 m) of the control panel. Although the transmitter has an open-air range of 500 feet (152 m), the effective indoor range may be less.
- install the sensor in an area more likely to become cold before other areas in the building; placing the sensor in such an area ensures early warning.
- install the sensor on an interior wall near a continuous air flow.

Do not...

- install the sensor in the same room as a furnace or other heat source that stays warm after furnace failure.
- install the sensor on an outside wall or basement floor.
- install the sensor in an area with excessive metal or electrical wiring.
- install the sensor in areas with excessive moisture.
- install the sensor where temperatures exceed the sensor's operating limits of 10° to 120°F (-12° to 49°C).

Programming

The following steps provide a general guideline for programming (learning) the freeze sensor into panel memory. Refer to specific panel *installation instructions* for complete programming details.

Programming for Simon® Panels:

1. Set your control panel to **Program** mode.
2. Proceed to **Learn Sensors** menu.
3. Remove the sensor's outer cover by pressing the cover release button located on the end of the sensor.
4. Press and hold the plastic tab marked **Press to Program** until the control panel confirms programming.
5. Replace the sensor's outer cover.
6. Select sensor group and sensor number assignments.
7. At the panel, exit **Program** mode.

Programming all other GE Panels:

1. Set your control panel to **Program** mode.
2. Proceed to **Learn Sensors** menu.
3. Select sensor group and sensor number assignments.
4. Remove the sensor's outer cover by pressing the cover release button located on the end of the sensor.
5. Press and hold the plastic tab marked **Press to Program** until the control panel confirms programming.
6. Replace the sensor's outer cover.
7. At the panel, exit **Program** mode.

Note

Refer to specific Quick Bridge® Loop Receiver documents for additional programming information.

Testing

The following steps provide a general guideline for testing the freeze sensor. Refer to specific panel *installation instructions* for complete testing details.

1. Set your control panel to **Sensor Test** mode.
2. Trip the sensor by pressing and holding the plastic tab marked **Press to Program** for at least one second.
3. Listen for appropriate sirens as described in the panel installation instructions. The sirens indicate the number of signals the panel has received from the sensor.

Installation

This section describes how to install the sensor after successful programming and testing.

1. Secure sensor base to a clean, dry, nonporous mounting surface using the double-sided tape.
 - Or follow steps 2-4 to secure sensor base with screws.
2. Remove the sensor's cover by pressing the cover release button on the end of the sensor.
3. Remove batteries and access the mounting holes.
4. Use the included screws to secure sensor base at each mounting hole location (see Figure 1). Remember to use an anchor if mounting sensor on drywall or plaster.

Note

Mounting Hole #2 may not be accessible on all models.

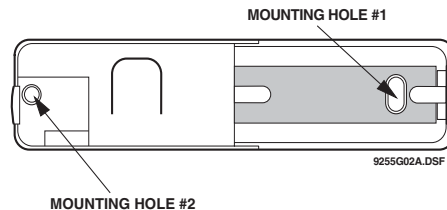


Figure 1. Mounting Hole Locations

5. Install the AAA batteries and replace cover.

Specifications

Model No: 60-742-95R

RF Frequency: 319.5 MHz

Transmitter Type: Surface Acoustical Wave (SAW)

Transmitter Range: 500 feet in open air

Battery Type: Two 1.5 V AAA alkaline batteries

Battery Life: 4 to 5 years

Compatibility: Simon® and Quik Bridge® Loop Receivers

Dimensions: 4.5 × 1.13 × 0.88 in. (11.43 × 2.87 × 2.24 cm)

Operating Temperature Range: 10° to 120°F (-12° to 49°C)

Notices

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.*
- 2) This device must accept any interference that may be received, including interference that may cause undesired operation.*

Changes or modifications not expressly approved by GE Security can void the user's authority to operate the equipment.



© 2004 GE Security. Simon and Quik Bridge are registered trademarks of GE Security. All other trademarks are properties of their owners.

All rights reserved.

1275 Red Fox Road
Arden Hills, MN 55112
Technical Support: 800-777-2624