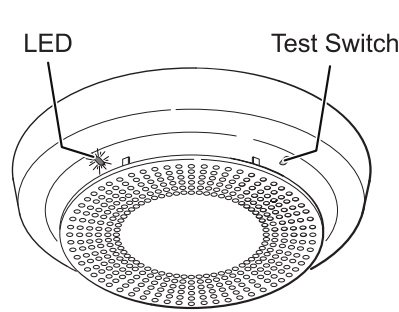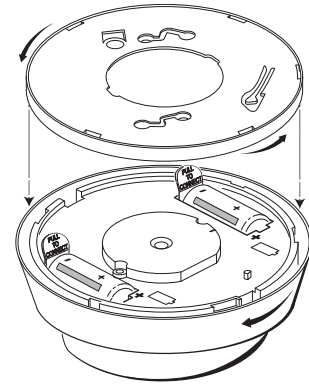This wireless smoke/heat detector is intended for use with Honeywell Home controls that support SiX™ series devices.

To remove the mounting bracket, turn the top of the detector 15 degrees counterclockwise and separate the mounting bracket and top cover.

LED   Test Switch

SiXSMOKE / SiXSMOKE-CN

Open

ENROLL WHEN PROMPTED:

Set the *Controller* in Programming Mode and when prompted:

1. Remove the battery tabs to activate the device and begin the enrollment process.
2. The Green LED flashes rapidly during enrollment (up to about 20 seconds*). The detector sends its unique MAC ID (Serial Number) and Services information to the controller.
   *NOTE: Enrollment time varies depending on the signal strength between the device and the controller.Enrollment is confirmed when the Green LED is ON for 3 seconds and the device chirps.
3. Enrollment is confirmed when the green LED is on for 3 seconds.
4. Repeat the process, pressing the Test Switch to start enrollment. The device will enroll the same MAC ID in another Zone.

If the sensor is not successfully registered during the enrollment period, the LED will go out and the device will be turned off. Press the test switch to restart the enrollment process.

NOTE: Once registered, the device cannot be used with another system until it is removed from the current controller. Refer to the controller's instructions. the detector is not successfully enrolled during the enrollment period, the LED turns off and the device powers down. Activate the tamper or press the Test switch to restart the enrollment process
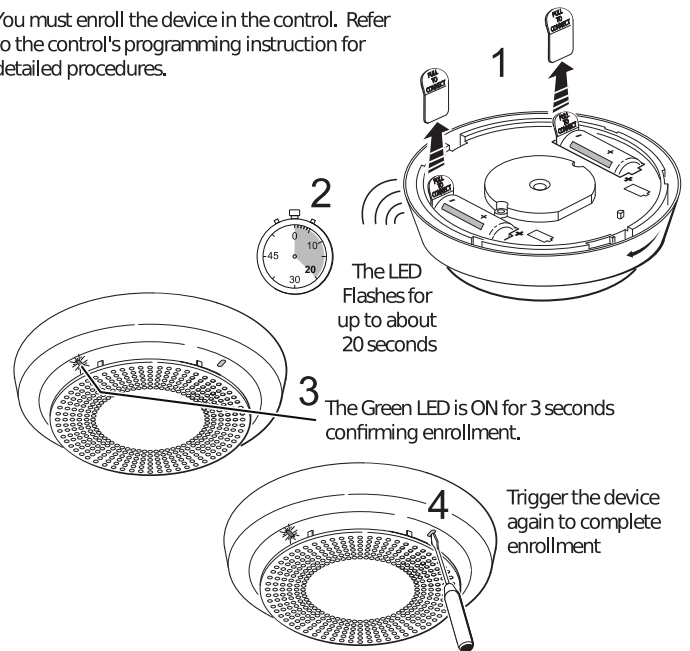
You must enroll the device in the control. Refer to the control's programming instruction for detailed procedures.

1

2   The LED Flashes for up to about 20 seconds

3   The Green LED is ON for 3 seconds confirming enrollment.

4   Trigger the device again to complete enrollment

Enroll NOTE: Once enrolled in a system, the detector cannot be used with another controller until it is removed from the current controller. See the Controller's instructions for details.

PROGRAM

Consult the Controller's instructions to program the device in the system.

Fault device features to learn the device Services in the controller:
- Smoke and Heat detector - Reports to panel:
  - Smoke Alarm when smoke is detected
  - Temperature Alarm when temperature of 135° F (57° C) or greater OR when there is a temperature increase of 15° F (8.33° C) or greater within one minute
- Percentage of obscuration (smoke or dirt in the detector)
- Cover tamper: The 10 minute tamper timer is reset every time the tamper switch is closed and opened or the detector cover is opened.
- Supervision – 200 second check-in compatible

NOTE: If programmed in the panel to operate in one-go-all-go mode, all smoke detectors programmed as one-go-all-go in the system will sound on alarm.

MOUNT

Refer to the System Smoke Detectors Application Guide (P/N SPAG9101) and the Limitations of Fire Alarm Systems (P/N 800-15144) for detailed information on detector spacing, placement zoning and special applications. Copies of this document are available on https://mywebtech.honeywell.com/.

NOTE: After enrolling, verify adequate signal strength by conducting a sensor test (see the controller's instructions) with the device in its intended mounting location. Adjust the device location and orientation as necessary.

The detector can be mounted on the ceiling or on the wall (if local ordinances permit). Select a location and mount using the included mounting hardware.
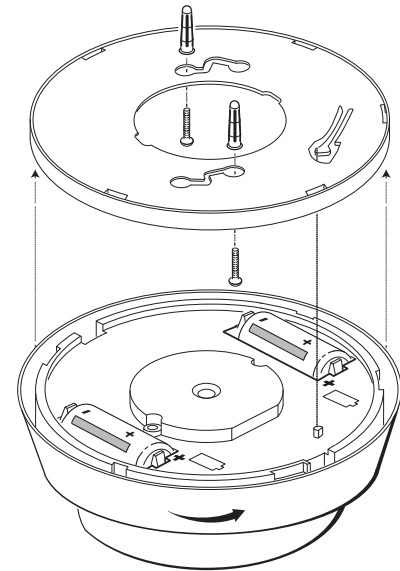
Mount

TEST

The detector should be tested immediately after installation and at least once a year.

Recommended: To prevent unwanted alarms, notify the Central Station that the smoke detector system is undergoing maintenance before testing begins.

Test Mode can be activated remotely from the Controller (see the Controller's manual), or on-site by pressing the test switch.

Tests and testing methods:
- Test Switch –
  - press and release to check circuitry functionality;
  - press and hold for 3 seconds to test the sounder (the device will emit a temporal tone).
- Direct Heat Test (hair dryer)
- Smoke Entry Test (canned smoke*)
- Signal Strength (signal strength information is sent with every communication to the panel.)
- Programmed Services [Loops].

Press for 3 seconds

≥ 12" (30.48 cm)

HEAT

Follow instructions on the can
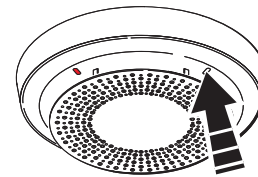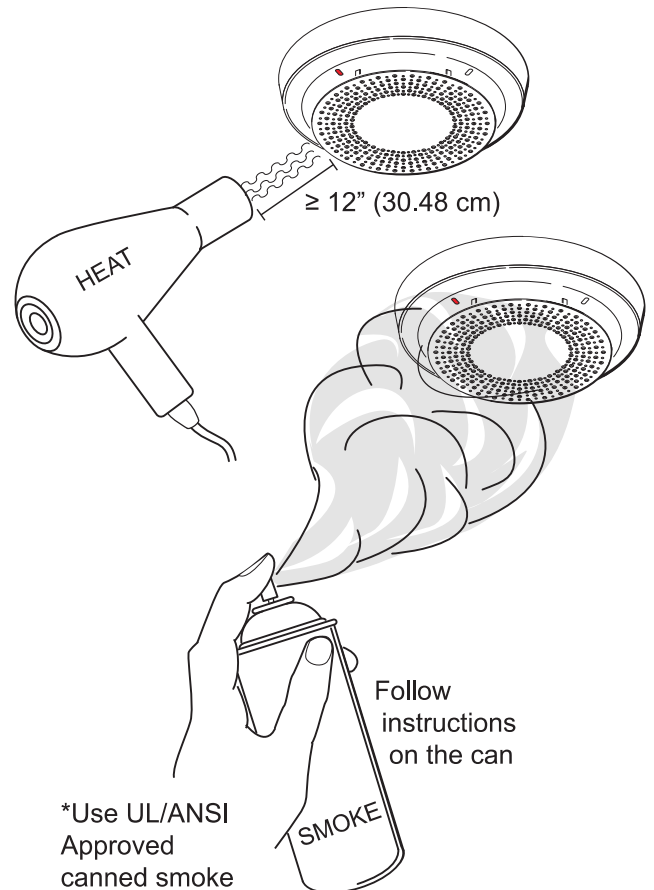
*Use UL/ANSI Approved canned smoke

SMOKE

Test

LEDS AND SOUNDER

The SIXSMOKE / SiXSMOKE-CN has one bi-colored LED and an 85dB sounder. Refer to the following table for operation of these features.

LED AND SOUNDER INDICATION TABLE

LED

R = Red   ○ = ON   ⬡ = Slow Flash   ◀) = Chirp

G = Green   ☀ = Rapid Flash   ◀))) = Temporal Tone

R	G	Sounder	Status
	☀G ~20 sec, G 3 sec	◀)	Power Up – Enrollment
	G 3 sec	◀)	Power Up – Device enrolled
	G 1 x every 10 sec		Normal mode
R	G Alternate every 10 sec		Processing Controller queries
R 1 x every 5 sec			Maintenance[1]
R 1 x every 1 sec		◀)))	Test Alarm[2a, 2b]
R 1 x every 4 sec		◀)))	Heat Alarm[3]
R 1 x every 1 sec		◀)))	Smoke Alarm
R 1 x every 45 sec		◀)	Low Battery[4]
	G 10 min		Tamper Activated
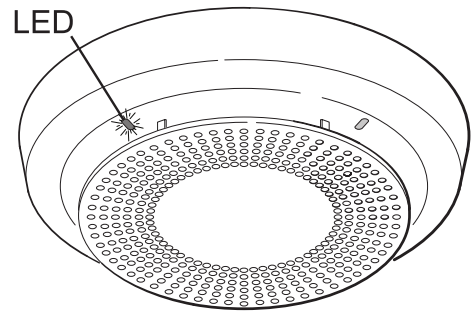
[1] The Maintenance type is reported by the controller. See the Maintenance Section below for details.

[2a] Test mode is activated by the test switch or from the panel. The detector is functioning properly (within proper sensitivity).

[2b] If Test mode is activated and the LED and Sounder do not function, check for maintenance or trouble conditions.

[3] The Heat alarm triggers when the device senses heat of 135° F (57° C) or greater, or the temperature rises 15° F (8.33° C) or more within 1 minute.

[4] Recommended: Replace Battery before the device starts chirping. The device starts chirping after 7 days and continues until the batteries are replaced or die. To quiet the sounder for 5 minutes, press the Test Switch (does not work when set in one-go-all-go mode). See Battery Replacement section.

To silence the detector:

Press the test switch or disarm the system at the controller. The detector sounds again after 5 minutes if the alarm condition continues. When programmed in one-go-all-go mode, the detector can only be silenced from the controller.
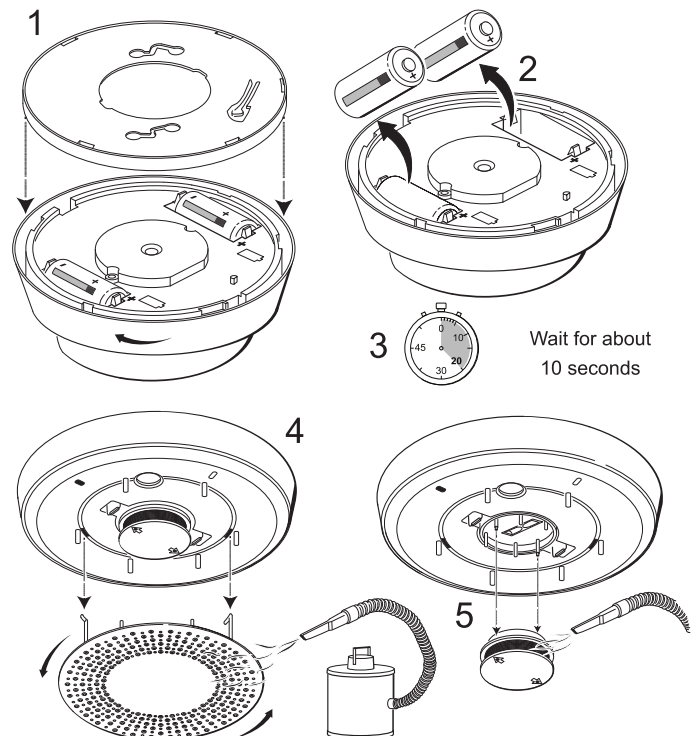
MAINTENANCE

When testing, if the sensitivity is outside the proper range, the detector will send a Trouble signal to the controller through the Honeywell Interface module and the detector's red LED will flash every five seconds. The controller will report a Low or High Maintenance message:

Low = Smoke head is dead and needs to be replaced.

High = Smoke head is dirty and needs to be cleaned.

Recommended: To prevent unwanted alarms, notify the Central Station that the smoke detector system is undergoing maintenance before cleaning the detector.

1. Twist the top cover clockwise to remove it from the mounting plate.
2. Remove the batteries.
3. Wait at least 10 seconds to ensure the detector powers down properly.
4. Turn the detector cover counterclockwise to remove it and vacuum the cover.
5. Pull the screen sensing chamber out and vacuum to clean it.

Wait for about 10 seconds

Maintenance

6. Reinsert the screen/sensing chamber and press firmly to set it in place.
7. Reinsert the detector cover back over the screen/sensing chamber and turn it clockwise until it locks in place.
8. Reinsert the batteries.
9. Reattach the device to the mounting plate.
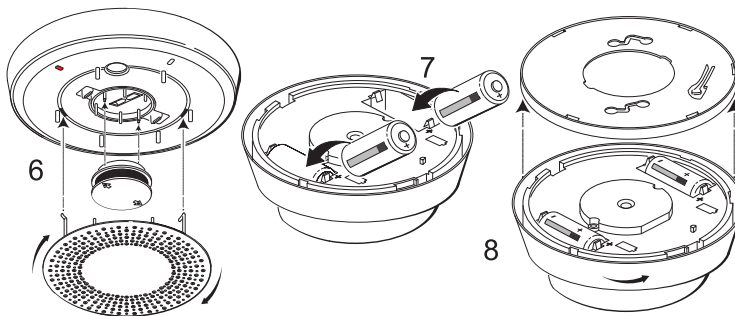
Maintenance (continued)

Replace Batteries

Resideo 466, Panasonic CR123A
Duracell DL123, Duracell DL123A

~ 10 sec

BATTERY REPLACEMENT

- Twist the front cover counterclockwise 15 degrees and separate it from the mounting bracket.
- Remove both batteries and wait 10 seconds, then insert two new batteries.
  Recommended batteries:
  – Resideo 466
  – Panasonic CR123A
  – Duracell DL123 or DL123A
  NOTE: **Do not mix old and new batteries, battery types or manufacturers.**
- Reattach to the detector to the mounting plate.
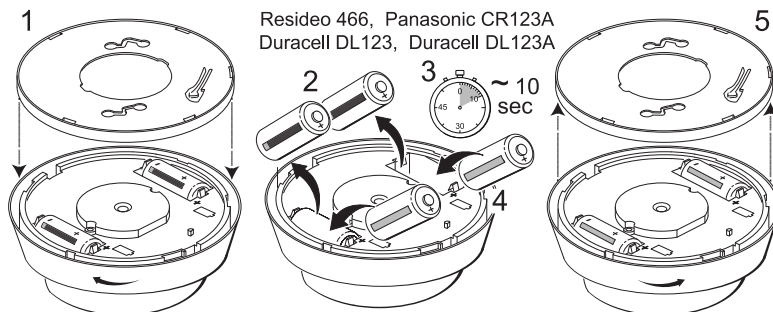
BATTERY CAUTION: Risk of fire, explosion and burns. Do not recharge, disassemble, heat above 212° F (100° C) or incinerate. Dispose of used batteries properly. Keep away from children.

SPECIFICATIONS:

Batteries: Two 3V Lithium; Resideo 466, Panasonic CR123A, Duracell DL 123 or DL 123A
RF Frequency: 2.4GHz
Tamper: Cover tamper
Operating Temperature: 0° to 35° C / 32° to 95° F
Relative Humidity: 95% max. (Agency Compliance – 93% max.), non-condensing
Maximum Spacing: 50ft x 50ft (refer to National Fire Alarm Code Standard NFPA 72 for application requirements)
Dimensions: 13.46 cm Diameter x 4.19 cm Thick / 5.3 in. Diameter x 1.65 in. Thick

APPROVAL LISTINGS:

FCC / IC
ETL Listed – Conforms to UL 268 & UL 521
cETL Listed – Certified to ULC-S529 & ULC-S530

Other Standards:
NFPA 72   ANSI / SIA-CP-01
CSFM   RoHS

NOTE: Smoke detectors are not to be used with detector guards unless the combination is evaluated and found suitable for that purpose.

800-21343B 11/15 Rev B

resideo