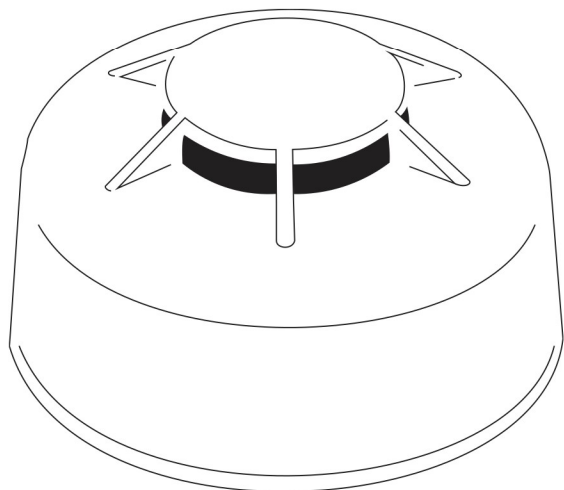


# IQ Heat 135/200



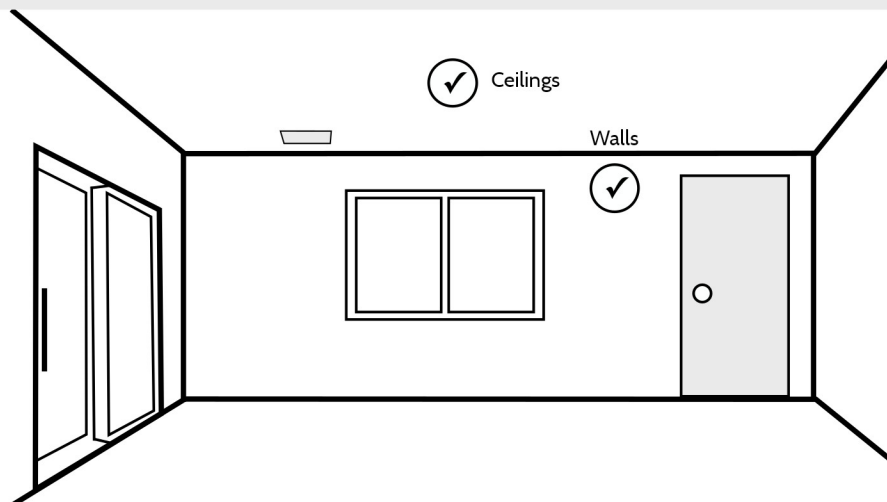
## OVERVIEW

The IQ Heat 135/200 wireless heat detector uses electronic processing to detect heat conditions plus a wireless transmitter (319.5MHz) in one unit. The micro-processor trips the transmitter when the temperature at the detector location reaches a fixed temperature of 135°F (57°C) or 200°F (93°C), depending on selection, or senses a rate of rise at 12°F to 15°F (6.7 to 8.3°C) per minute.

## SPECIFICATIONS

- Rate of Rise rating: 12° to 15°F (6.7° to 8.3°C) per minute
- UL Max Ambient Ceiling Temp: 100°F/150°F (37.8°C/65.6°C)
- Operating Temp: 32°F to 150°F (0 to 65.6°C)
- Storage Temperature: -30 to 167°F (-34 to 75°C)
- Relative Humidity: 0 to 95% noncondensing
- Maximum UL Spacing: 50ft (15.2M) x 50ft (15.2M)
- Frequency: 319.5MHz (crystal-controlled)
- Expected Battery Life: 10 Years
- Standby Current: Less than 0.9µA
- Supervision Interval: 62 - 68 minutes
- Enclosure Dimensions: Diameter: 2.29" (58.25mm). Height: 1.28" (32.4mm)
- Regulatory:
  - UL 521 Heat Detectors for Fire Protective Signaling Systems
  - UL985 Household Fire Warning System Units
  - CAN/ULC-S530 Heat Actuated Fire Detectors for Fire Alarm Systems
  - CSFM Category 7270
  - FCC: 15.109 Class B, 15.231
  - Industry Canada: ICES-003, RSS-210

### STEP 1 CHOOSE INSTALLATION LOCATION

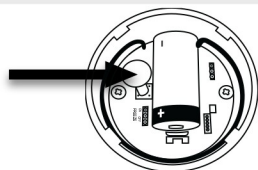


- Heat detectors should be installed to provide property protection. Reliance should not be placed on heat sensors for life safety. Where life safety is involved, smoke sensors must also be installed.
- The detectors allow for normal temperature fluctuations; however, ceiling temperatures should not exceed 100°F (37.8°C)
- Mount the detector in a central location of the area to be protected, either on the ceiling or on a wall.
- If mounting on a ceiling, the detector must be at least 4 in. (10 cm) away from any walls.
- If mounting on a wall, the top of the detector must be within 4 to 6 in. (10 to 15 cm) of the ceiling.
- The UL maximum spacing allowance of the detector is 50 x 50 ft. (15 x 15 m). Refer to the NFPA Standard 72 for application requirements.
- Do not mount the detector close to devices that change temperature rapidly, such as ovens, heat vents, furnaces, or boilers.

### STEP 2 LEARN INTO PANEL



Place your panel in "auto learn" mode



"Tamper" the device

ADD

Customize name and settings as desired and touch "ADD"

**GOT QUESTIONS?**  
 CONTACT TECH SUPPORT  
[intrusion-support@jci.com](mailto:intrusion-support@jci.com)

### STEP 3 SELECT THE TEMPERATURE

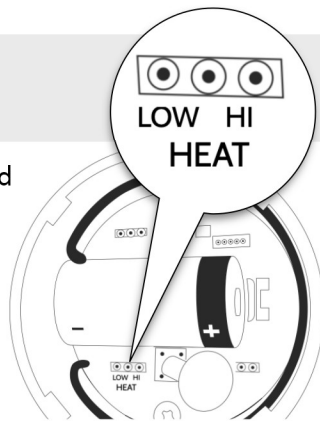
The sensor can be setup to detect a fixed temperature of either 135F or 200F.

Use the jumper to select Low or Hi:

Low – 135F (default)

Hi – 200F

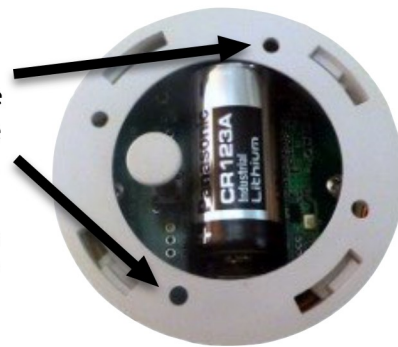
**Note:** Jumper setting is detected on power up. Please remove battery, changed jumper, re-insert battery. If no jumper is installed the detector is set to 200F.



### STEP 4 MOUNT THE DETECTOR

Locate the base mounting holes and mount the base to the wall or ceiling with the appropriate hardware.

Attach the detector to the mounting base by turning clockwise.



### STEP 5 MAGNET TEST

**Note:** Notify central station before any live testing to avoid fire response. The magnet test allows the sensor to send an actual alarm signal to the control panel, if a magnet is held against the housing for 15 seconds.

1. With the sensor permanently mounted, place a magnet against the mark located on the sensor body.
2. Hold the magnet in place for about 15 seconds.
3. The control panel should respond by sounding the fire alarm
4. Disarm control panel to silence alarm



## BATTERY SAFETY AND MAINTENANCE

**REPLACING THE BATTERIES:** Battery life depends on how often the detector transmits signals, but is more dependent on the temperature of the installation environment. When the battery voltage gets low, the detector transmits a low battery signal to the panel. The panel then activates an alert to notify the customer that the detector battery must be replaced. Replace the battery immediately when this condition occurs, using the following battery: **Panasonic CR123A 3V**

**BATTERY DISPOSAL:** The batteries used in this sensor are lithium batteries and are not reusable. Be sure to properly dispose of used lithium batteries according to your local hazardous waste disposal laws.

## FCC/IC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

In accordance with FCC requirements of human exposure to radio frequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population. This Class B digital apparatus complies with Canadian ICES-3B.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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