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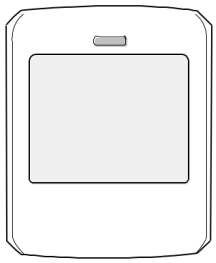
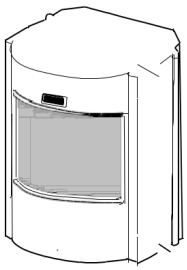
PIR Motion Sensor Installation Sheet





Mounting Instructions

1. **Determine best location of motion using the Installation guidelines**
2. **Clean area and dry completely**
3. **Remove backing from sticky tape on back of motion**
4. **Press firmly and hold 60 seconds**

Product Summary

A motion sensor detects movement within a specific area by sensing the infrared energy emitted from a body as it moves across the sensor's field of view. When this motion is detected, the sensor transmits an alarm signal to the control panel.

Use this motion sensor to protect locations where door/window sensors are impractical or not needed. For example, use a motion sensor to protect large areas or open floor plans. Motion sensors also provide backup protection for door/window sensors.

Installation Guidelines

This motion was designed for indoor use in the presence of pets having a combined weight of up to 40 pounds (18 kg). The following installation guidelines must be met in order to avoid false alarms. Inside pets and animals may cause false alarms.

- The sensor must be incline-mounted on a wall surface or incline mounted in a corner at a mounting height of 7.5 feet (2.3 m) (see Figure 1).
- The pet must not be allowed to climb on objects such as furniture, boxes, etc. within the field of coverage. If you have pets inside the home over 20 lbs we suggest you do not use the motion and consider a Smart Glass Break instead.
- Room temperature must be kept between 60° and 120° F (16° and 49° C).
- Do not aim the sensor at windows, fireplaces, air conditioners, area heaters, forced air heating vents, or place it in direct sunlight.
- Windows should be closed in any area which has an armed motion sensor.
- Position the sensor to protect an area where an intruder would be most likely to walk across the detection pattern.
- Mount the motion sensor on a rigid surface which is free from vibrations.
- Mount the sensor permanently on a flat wall or in a corner. Do not set it on a shelf.
- Mount the motion sensor on an insulated, outside wall facing in.
- Position the sensor so it faces a solid reference point, like a wall.
- If possible, locate sensors within 100 feet (30.5 m) of the panel. While a transmitter may have a range of 500 feet (152 m) or more out in the open, the environment at the installation site can have a significant effect on transmitter range. Sometimes a change in sensor location can help overcome adverse wireless conditions.
- Do not mount the sensor near duct work or other large metallic surfaces which may affect the RF signals.

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PIR Motion Sensor Installation Continued...

Maintenance

At least once a year, the range and coverage should be verified for proper operation. The end user should be instructed to put the sensor in walk test mode and walk through the far end of the coverage pattern to verify proper detection.

Replacing and Disposing of Batteries

The sensor is powered by 1 AA Lithium battery. When the system indicates the sensor has a low battery, replace it immediately.

When battery replacement is necessary, observe proper polarity (as shown in the battery compartment) when installing the new battery, or the sensor maybe damaged. Be sure to note that as you look at the battery compartment, on the left side the positive battery end is down and on the right side the positive end is up. When the battery is replaced, wait at least 3 minutes before activating the walk test mode.

Caution: Replace only with 1 AA lithium battery. Observe polarity when installing the new battery. Installing the battery backwards may cause damage to the sensor. Dispose of used batteries according to the manufacturer's instructions, and/or local government authorities. See Figure 7 below for the battery location.

Power Source	1 AA Lithium battery; Part# 60-619 (six batteries per pack)
Typical battery life	4-6 years at 68° F
Transmitter	319.5 MHz
Operating Temperature	32° to 120° F (0° to 49° C) Non-pet applications 60° to 120° F (16° to 49° C) Pet applications
Storage Temperature	-30° to 140° F (-34° to 60° C)
Maximum humidity	90% Relative Humidity non-condensing
Dimensions	2.9 in. (7.4 cm) x 2.4 in. (6.1 cm) x 1.9 in. (4.8 cm) (L x W x H)
Regulatory Information	
Manufacturer	UTC Fire & Security Americas Corporation, Inc. 1275 Red Fox Rd., Arden Hills, MN 55112-6943, USA
FCC compliance	These devices comply with part 15 of the FCC rules. Operation is subject to the following two conditions: These devices may not cause harmful interference. They must accept any interference received, including interference that may cause undesired operation.
Compatibility	TechHomePro Hub.