5821

WIRELESS TEMPERATURE SENSOR
AND FLOOD DETECTOR

Honeywell's 5821 is a versatile wireless device that can be configured to operate as either a standalone temperature sensor and/or a remote temperature sensor or flood detector. It is ideally suited for a wide range of applications including bathrooms, laundry rooms and basements.

FEATURES

- Five selectable temperature ranges to choose from (hot, warm, cold, refrigerate and freeze)

- Remote Temperature Probe available (T280R) ideal for refrigerator and freezer monitoring

- Flood detection with 470PB External Probe for a wide range of applications; including bathrooms, laundry rooms and basements

- Up to 10 year battery life, which reduces user maintenance

- Completely wireless, which greatly reduces installation time and maximizes placement options

- Capable of monitoring cold (45° F) temperature and flood detection simultaneously

SPECIFICATIONS

Sensor Parameters

- Cold Temperature Detector 45° F
  – When temperature drops below 45° F for >10 minutes

- Warm Temperature Detector 75° F
  – When temperature rises above 75° F for >10 minutes

- Hot Temperature Detector 95° F
  – When temperature rises above 95° F for >10 minutes

- Refrigerator Failure Detector 42° F
  – When temperature rises above 42° F for >30 minutes

- Freezer Failure Detector 10° F
  – When temperature rises above 10° F for >30 minutes

- Flood Sensor
  – When 1/4" inch of water is covering the 470PB probe

- "Swinger Suppression" (Hysteresis) of 3° F
  – Temperature difference between fault and restore points

Power

- One 3V battery (included)

- Replace only with ADEMCO #466, Panasonic CR123A, Sanyo CR123A, Duracell DL123A, Tekcell CR123A or Varta CR123A (Lithium Manganese Dioxide)

Operating Temperature

- 14° F to 104° F (-10° C to 40° C)

Operating Frequency

- 345 MHz ± 85 KHz

Range of Response time

- +50%, -20%
  -10 minute setting (8-15 min)
  -30 minute setting (24-45 min)

Dimensions

- 1.6" W x 3.1" H x 1.0" D (max protrusion)

- 40.64mm x 78.74mm x 25.4mm

Compatibility

- Compatible with all 5800 series wireless receivers

Agency Listings

- FCC Part 15

- DOC RSS-210

ORDERING

5821	Wireless Temperature Sensor & Flood Detector
T280R	External Probe for Freezer and Refrigeration Monitoring
470PB	External Probe for Flood Sensing

T280R   **470PB**

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