



5821

Wireless Temperature Sensor and Flood Detector

Ideally suited for applications including bathrooms, laundry rooms and basements, the 5821 helps protect against temperature fluctuations and flood conditions. The versatile device can be configured to operate as a standalone temperature sensor and/or a remote temperature sensor or flood detector. Fully compatible with Resideo Total Connect Remote Services, it can send users email or text message alerts when detecting floods or extreme temperatures so they can take action to minimize and avert damages.



FEATURES AND BENEFITS

- 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 FP280 or 470PB External Probe for a wide range of applications; including bathrooms, kitchens, 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 or FP280 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
FP280	External Probe for Flood Sensing (wire and internal resistor included)
470PB	External Probe for Flood Sensing



T280R



FP280



470PB



For more information

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