

The Temperature Sensor is used to detect freeze and overheat conditions. The sensor will alarm when the temperature trip points are reached.

Features

- Indicates freeze and overheat warnings
- Industry-leading wireless range and battery life
- Secure encrypted wireless transmissions
- 5-year warranty

Enroll the freeze input (ID ending in 0) by placing the panel into wireless enrollment mode and then sending an enrollment signal from the sensor.

Options for sending an Enrollment Signal

- Remove the battery tab and cover to trip tamper.

Overheat inputs and reed zones must be enabled to function. Activate only as needed in order to extend battery life.

To activate and enroll an overheat input (ID ending in 1):

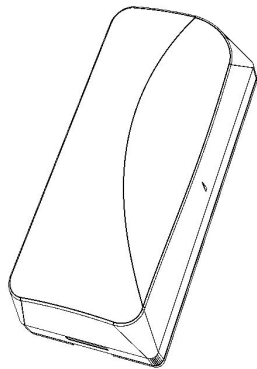
- Remove magnet from reed switch
- Hold down tamper and install battery

Install by mounting the sensor in the desired location using two #4 or #6 screws. An optional cover-securing screw is included. Alternatively, the sensor can also be installed using 3M™ VHB™ tape.

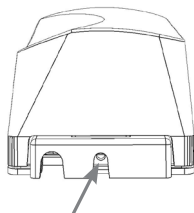
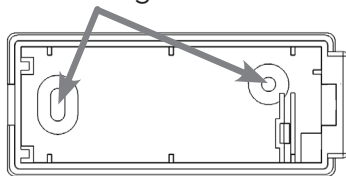
Freeze or **Heat** alarms are transmitted when the temperature trip points are reached.

Temperature Trip Points

- Heat alarms when over 100°F (38°C)
- Heat restores when under 97°F (36°C)
- Freeze alarms when under 45°F (7°C)
- Freeze restores when over 48°F (9°C)



Mounting Screw Holes



Cover-Securing Screw Hole

Pro Tips

3M™ VHB™ Tape works great if the surface is properly prepared and firm pressure is applied for over 10 seconds.

Surface Preparation

- Clean the surface
- Ensure the mounting surface temperature is above 50°F

Specifications

| Physical | |
|-------------------------|---|
| Housing Dimensions | 3.30 x 1.40 x 1.10 inches (8.3 x 3.6 x 2.7 centimeters) |
| Weight with Battery | 1.90 ounces (54 grams) |
| Mounting Fastener | #4 or #6 screws (not provided) |
| Environmental | |
| Operating Temperature | 0°F to 120°F (0°C to 49°C) |
| Maximum Humidity | 85% non-condensing relative humidity |
| Sensor Specifications | |
| Frequency | 433.92 MHz |
| Replacement Battery | One Panasonic® CR123A |
| Nominal Battery Life | 10 years |
| Battery Voltage | 3.0 VDC (Nominal), 2.2 VDC (Low) |
| Current Draw | 20 mA (Maximum), 0.6 uA (Quiescent) |
| Transmitted Indications | Cover Tamper, Low Battery, Supervision |
| Certification | |
| RE305 | FCC, IC |

Specifications subject to change without notice

WARRANTY

Alula will replace all non-portable products that are defective in their first five (5) years, and all portable products that are defective in their first two (2) years.

IC NOTICE

This device complies with Industry Canada license-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.

Le présent appareil est conforme aux cnr d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC: 8310A-RE305

FCC NOTICE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Alula could void the user's authority to operate this equipment.

FCC ID: U5X-RE305

TRADEMARKS

Alula is a trademark owned by Alula Holdings, LLC.

"DSC" is a trademark owned by TYCO Safety Products Canada LTD.

Alula products will function with DSC systems. However, no Alula product is produced by, endorsed by, or is officially associated with DSC. Alula recommends verifying proper enrollment and operation, per control panel installation instructions, at installation.

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