

eufy Flood & Freeze Sensor E20

A flood & freeze sensor is a smart device designed to detect leaks, flooding, and freezing temperatures, helping prevent water damage and pipe bursts in homes. It works by sensing moisture levels or extreme cold and sending real-time alerts to homeowners via a connected app. Ideal for placement near water heaters, sinks, basements, and pipes, these sensors provide early warnings, allowing quick action to avoid costly repairs. It features long battery life, wireless connectivity, and integration with eufy systems for enhanced protection.

View the [How-to Video](#)

What's in the Box

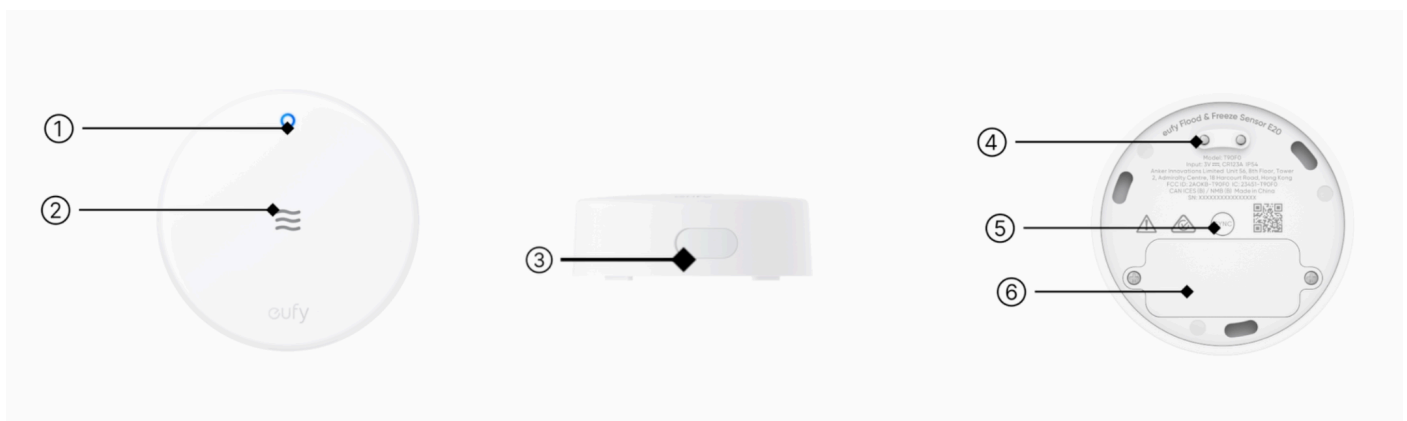
- Flood & Freeze Sensor (CR123A battery pre-installed)
- 3M Adhesive
- Extension Probe
- Mounting Bracket (Pre-installed on the sensor)
- Mounting Screws
- Quick Start Guide

Tools You Will Need (Not Provided)



#1 Phillips Screwdriver

At a Glance



1. LED Indicator
2. Buzzer
3. Probe Jack
4. Probe
5. SYNC Button
6. Battery Compartment

Set Up the Device

💡 Before setting up the device, make sure you've completed the setup of the HomeBase.

1. Download the [eufy app](#), and sign in or create an account.



2. Tap the + icon on the home screen, and you can either:
 - a. Scan the QR code on the device, or
 - b. Select **Alarm System** > **eufy Flood & Freeze Sensor E20** in the Device Family, and follow in-app instructions to complete the setup.

💡 When pairing:

1. Twist to open the mounting bracket and remove it (figure 1 & 2).
2. Press the SYNC button for 2 seconds until the LED blinks blue.



Test the Device

1. Put the sensor on the floor, and make sure the bottom is facing down.

2. Pour water under the sensor, and make sure the bottom of the device is in contact with the water. When the device gets in contact with the water, an audible alarm will be triggered, and an event will be displayed in the app.

Mount the Device

1. Choose a Location

- Where water may accumulate, under sinks or near water heaters, washing machines, dishwashers, and toilets
- Place at a low height to detect rising water
- Near exposed pipes in garages, attics, and unheated areas
- Ensure the metal contacts or moisture probes are in direct contact with the surface

2. Mount the Device

Use the extension probe if necessary.

Plug the extension probe into the probe jack on the sensor.



Option 1: Place on the Floor

Just simply put the sensor on the floor.

Option 2: Secure with Adhesive

Attach the 3M adhesive to the mounting bracket, and press the sensor against the surface you want to mount it.

Option 3: Secure with Screws

1. Twist to open the mounting bracket and remove it as shown above.
2. Mark the screw holes with a pencil.
3. Drill holes and insert anchors.
4. Insert the screws.
5. Twist to mount the sensor onto the bracket.

Using the Flood & Freeze Sensor

When flooding or freezing is detected, the LED will flash red and trigger an alarm, notifying the security system.

LED Indication

Blinking Blue: Pair Mode

Solid Blue for 5 seconds: Paired / Connected to the network successfully

Red flashes twice quickly with buzzer rings: Sensor triggered

Red flashes every 60 seconds: Low battery

Flashing **Red** and **Blue** alternately: Reset Mode or during OTA

Replacing the Battery

Regularly check the battery level and replace when needed.

1. Unplug the extension probe.
2. Twist the mounting bracket to remove it.
3. Unscrew the battery cover.
4. Replace with a CR123A battery.



Factory Reset

Press the SYNC button for 10 seconds.

Specifications

Dimension: $\phi 70.1 \times 27.5$ mm

Connectivity: Sub-1G

Buzzer Volume: 75dB@10cm

Temperature sensing precision: $\leq \pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$)

Battery: CR123A

Working Temperature: -10°C to 50°C (14°F to 122°F)

Storage Temperature: -20°C to 60°C (-4°F to 140°F)

Working Humidity: 0 to 95%