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RESIDEO RCHW3610WF1001/N

Resideo Wi-Fi Water Leak and Freeze Detector

Model: RCHW3610WF1001/N

Brand: RESIDEO

Introduction

The Resideo RCHW3610WF1001/N Wi-Fi Water Leak and Freeze Detector provides proactive monitoring for your home, alerting you to potential water leaks or freezing temperatures before they cause significant damage. This smart device connects directly to your home Wi-Fi network, eliminating the need for a separate hub. It's designed for easy installation and offers peace of mind through instant notifications and an audible alarm.

Key Features:

- **Wi-Fi Connectivity:** Connects directly to your home Wi-Fi, no hub required.
- **Multi-Alert System:** Sends alerts via text and email, and features an audible alarm.
- **Temperature & Humidity Sensing:** Monitors ambient temperature (from -30°F to 150°F / -35°C to 65°C) and humidity levels, providing early warnings for potential pipe freezing or mold growth.
- **Geofencing:** Utilizes geofencing technology to determine who is nearest for alert management and sends an "all clear" notification once an issue is resolved.
- **Reusable Detector:** Designed for repeated use after a leak event.
- **Extension Sensor Capability:** Supports a 4-foot extension sensor (sold separately) for extended coverage.

Setup and Installation

The Resideo Wi-Fi Water Leak and Freeze Detector is designed for straightforward installation. Follow these steps to get your device up and running:

1. **Unpack the Device:** Carefully remove the detector and any accessories from the packaging.
2. **Install Batteries:** The device requires AA batteries (not included). Open the battery compartment, insert the batteries, and close the compartment securely.
3. **Download the App:** Download the Resideo Home app (or Honeywell Home app, depending on current branding) from your smartphone's app store.
4. **Pair with Wi-Fi:** Follow the in-app instructions to pair your detector with your home Wi-Fi network. This typically involves putting the device into pairing mode and connecting via Bluetooth initially, then configuring Wi-Fi credentials. The device does not require a separate hub.

5. **Placement:** Place the detector in areas prone to water leaks or freezing temperatures. Common locations include:
    - Under sinks (kitchen, bathroom)
    - Near washing machines or dishwashers
    - Next to water heaters or furnaces
    - In basements or utility closets
    - Areas with pipes susceptible to freezing

    For extended coverage, connect the 4-foot extension sensor (sold separately) and position it to cover a wider area, such as along a wall or under an appliance.



Image: Resideo Wi-Fi Water Leak and Freeze Detector with its sensor cable.



Image: Close-up of the Resideo Wi-Fi Water Leak and Freeze Detector unit.



Image: Detector placed under a kitchen sink to monitor for leaks.

Operating Instructions

Once installed and connected, your Resideo detector will continuously monitor for water, temperature, and humidity changes. Here's how it operates:

- **Water Leak Detection:** When water is detected by the main unit or the connected extension cable, the device will immediately sound an audible alarm (65 dB) and send instant alerts to your smartphone via text and email.
- **Temperature Monitoring:** The detector monitors the ambient temperature. If the temperature drops below a user-defined threshold (Cold-Alert detection), it will trigger an alert to prevent potential pipe freezing.
- **Humidity Monitoring:** The device also senses humidity levels. High humidity alerts can help you identify conditions that may lead to mold formation.
- **Geofencing:** The app's geofencing feature can identify your proximity to the home, allowing for smarter alert management. It can also send an "all clear" notification once a detected issue has been resolved.



Image: Detector actively sensing water on a surface.

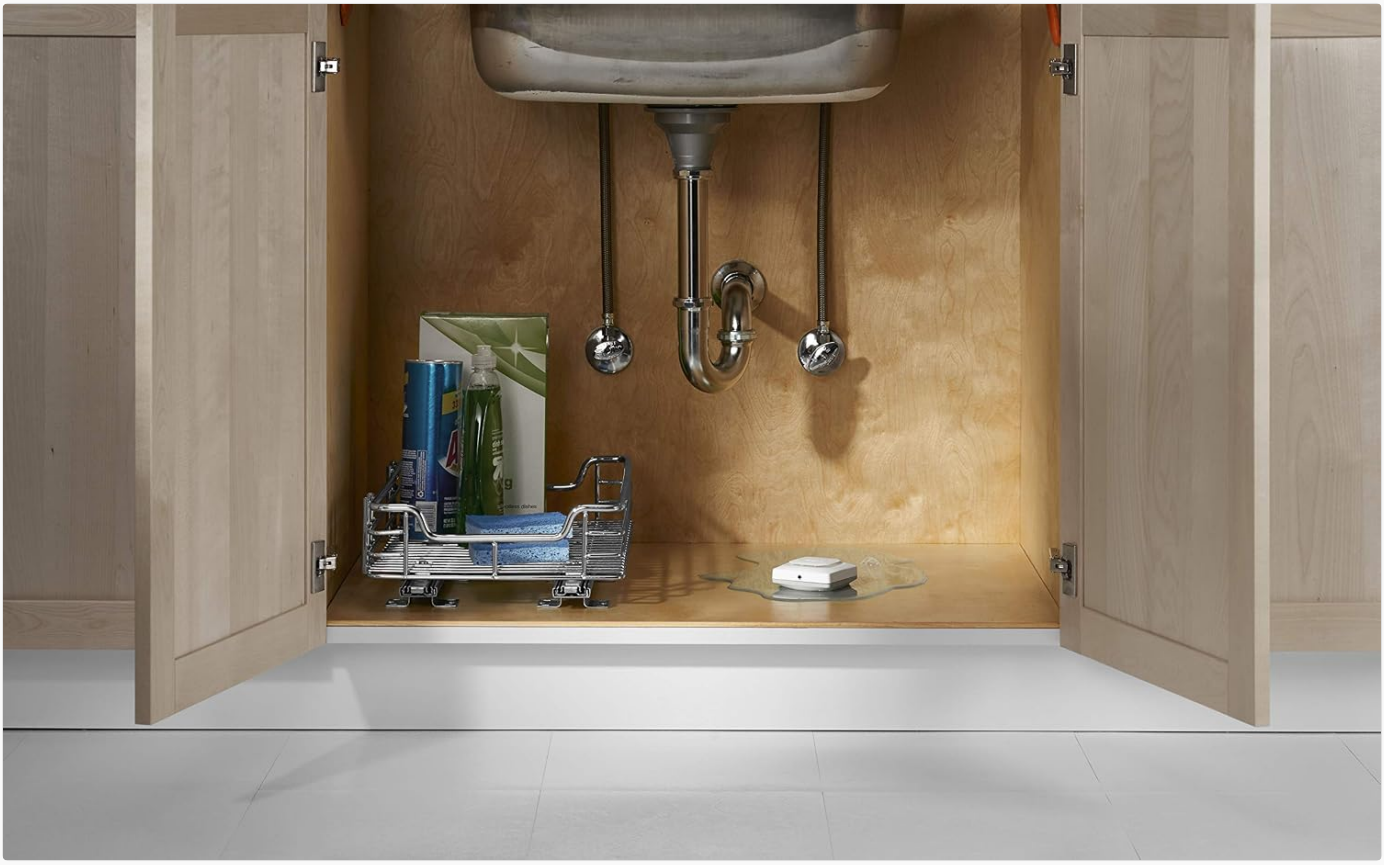


Image: Smartphone displaying a low temperature alert from the detector.

Maintenance

Regular maintenance ensures the optimal performance and longevity of your Resideo Wi-Fi Water Leak and Freeze Detector.

- **Battery Replacement:** The detector uses AA alkaline batteries. The average battery life is approximately 1095 days (3 years). The app will notify you when batteries are low and require replacement. To replace, open the battery compartment, remove old batteries, insert new ones, and securely close the compartment.
- **Cleaning:** Periodically wipe the detector and its sensor cable with a soft, dry cloth to remove dust or debris. Do not use abrasive cleaners or immerse the device in water.
- **Post-Leak Reset:** After a leak event, ensure the detector and its sensor cable are completely dry before re-placing them. The device is reusable and will reset once the water is no longer detected.

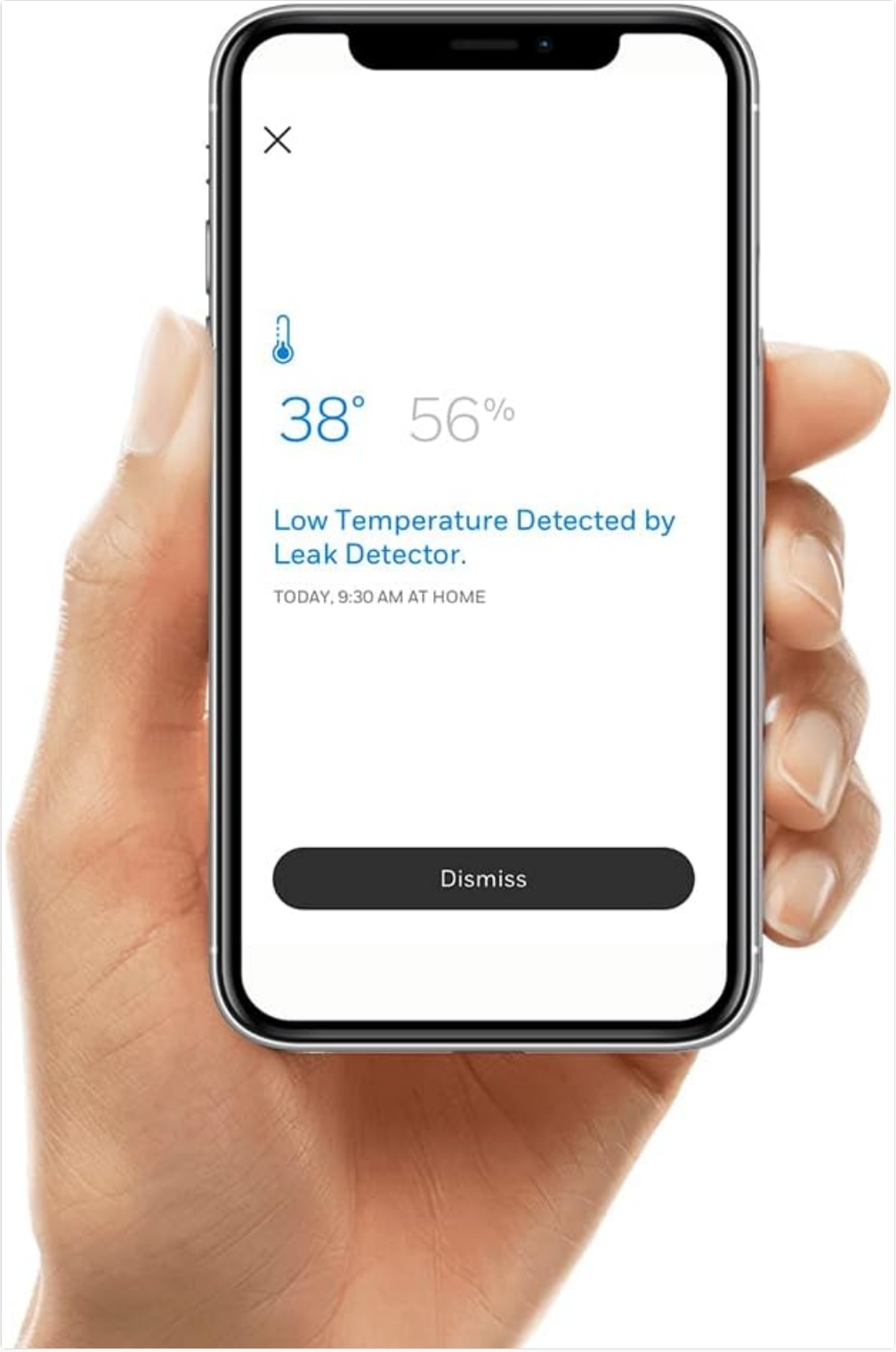


Image: Detector positioned near a washing machine for leak monitoring.



Image: Detector placed near a water heater, a common area for leaks.

Troubleshooting

If you encounter issues with your Resideo Wi-Fi Water Leak and Freeze Detector, refer to the following common troubleshooting tips:

- **No Alerts/No Connection:**
  - Ensure the device is within range of your Wi-Fi router.
  - Check battery levels in the app or replace batteries if low.
  - Verify your Wi-Fi network is active and has internet access.
  - Restart your Wi-Fi router.
  - Attempt to re-pair the device with the app if connection issues persist.
- **False Alarms:**
  - Ensure the sensor and cable are completely dry. Even residual moisture can trigger an alarm.
  - Check for condensation in high-humidity environments.
  - Avoid placing the sensor in direct contact with salty substances (e.g., near a water softener), as this can cause false positives.
- **Audible Alarm Won't Stop:**
  - Dry the sensor contacts thoroughly.
  - Use the mute option in the Resideo Home app. Note that it may take up to a minute for the alarm to cease after muting.
  - If the issue persists, a full reset (removing batteries, waiting, then reinserting) might be necessary, followed by

re-pairing.

For more detailed troubleshooting or persistent issues, refer to the official user manual or contact Resideo customer support.

Specifications

Feature	Detail
Model Number	RCHW3610WF1001/N
Dimensions (L x W x H)	1.26 x 3.07 x 3.07 inches
Item Weight	4.8 ounces
Power Source	Battery Powered
Battery Type	AA Alkaline (Batteries not included)
Average Battery Life	1095 days
Control Method	App
Noise Level (Alarm)	65 dB
Mounting Type	Tabletop Mount
Sensor Technology	Conductive Sensor, Capacitive/Resistive Sensor
Temperature Sensing Range	-30°F to 150°F (-35°C to 65°C)
Included Components	Wi-Fi Water Leak Detector
Compatible Devices	Smartphone

Warranty and Support

For warranty information, product registration, or technical support, please refer to the official Resideo website or the full user manual. You can access the comprehensive user manual PDF here.
Resideo offers customer support to assist with any questions or issues you may encounter with your Wi-Fi Water Leak and Freeze Detector.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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