

Eddy H2O Sensor

 Manual



Protect your building from water damage with Eddy

Ready to begin? Share your building details and schedule your call today.

Contact us



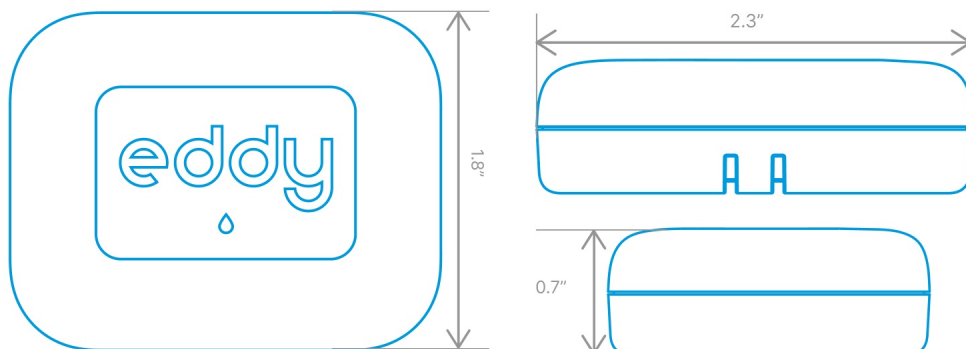
Eddy H2O Sensor

Battery / power

- **Primary Lithium Battery**
- **5–6 Year** Lifetime (nominal)

Wireless environment

- Utilizes **LoRaWAN** for extremely long range and low-power operation
- High-efficiency **internal antenna**
- Designed for **915MHz (NA)**



Dimensions & Weight

Unit

H2O Sensor

Width

inch

2.3

Height

inch

0.7

Depth

inch

1.8

Weight

oz

1.4

ISED Non-Interference Disclaimer

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED RF Exposure Statement

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the radiator and any part of your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Pour se conformer aux exigences de conformité ISED RSS-102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes. Lanceurs ou ne peuvent pas coexister cette antenne ou capteurs avec d'autres.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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, and

(2) this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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FCC RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, this equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the antenna and your body during normal operation. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Eddy H2O Sensor

Key benefits

- Leak Detection and Alerting
- Temperature Monitoring and Alerting
- Humidity Monitoring and Alerting
- Integration with Your Eddy Solutions Technology
- Wireless Operation
- Long Battery Life

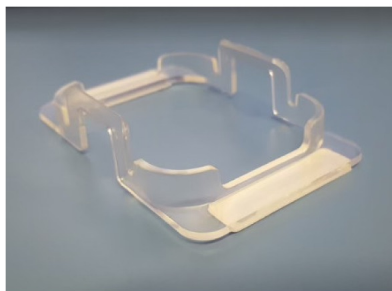
Technical features

- Water Detection
- Temperature Sensor Range 14°F to 185°F
- Humidity Sensor Range 0% to 100%

Certification

- FCC

Sensor Holders



Sensor holder



Baseboard sensor holder

Notifications

- Water contact immediate notification
- Configurable periodic notification (ex. hourly, daily, weekly, monthly)
- Configurable humidity swing notification
- Configurable temperature swing notification

Applications

- Water contact sensor to be placed near plumbing and water-related appliances (water heaters, sinks, washing machines, etc.)
- Space humidity and ambient temperature reading
- Used with the Eddy IQ to provide unparalleled protection against water damage

Sensor Installation

How to install your new **Eddy H2O Sensor**

Summary

Once your building's LoRaWAN network is up, you can place H2O sensors in their final locations.

Wireless water sensors are placed in high-risk areas such as elevator pits, mechanical rooms, hydro rooms, IT/Server rooms, kitchens, etc. to detect the presence of water and provide alerts or automated shut off.



Mount Equipment

H2O: water sensors can be placed on the floor or placed inside our acrylic holders, which can prevent them from being moved from their final locations.

Typical locations for H2O sensors

- Inside a wall near a main riser pipe
- Beneath a laundry machine
- Beneath a dishwasher
- Beneath a vanity or general use sink
- Behind a toilet
- Near a piece of mechanical equipment
- Near a water-fed appliance



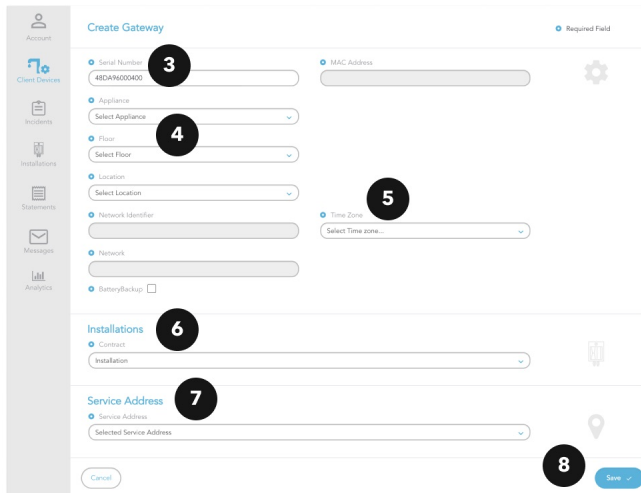
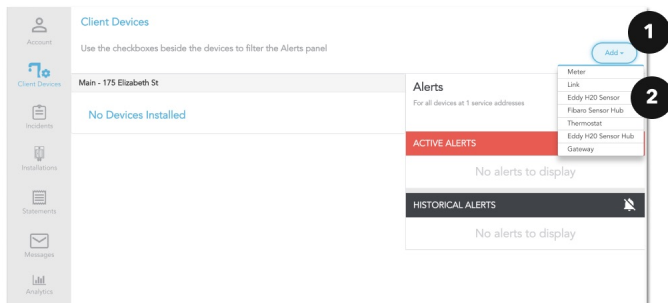
 (877) 388-3339

Need help? We're happy to support remotely

Call us and we'll walk you through the installation.

Sensor Installation

How to install your new **Eddy H2O Sensor**



Add Equipment to dashboard

Take the product identification code and add it to the Control Room application

- 1) Click "Add" device on the dashboard
- 2) Click "Eddy H2O Sensor" on the drop down list
- 3) Add the device serial number
- 4) Add the "Appliance" "Floor" "Location"
- 5) Select the correct time zone
- 6) Confirm the installation
- 7) Confirm the service address
- 8) Hit "save"

Sensor Installation

How to install your new **Eddy H2O Sensor**

Multi Family Residential (MFR) + C&I

When installing sensors in an MFR + C&I application, we will use the following:

Location	Floor	Appliance
[Description of space]	Unit [#]	[Appliance / equipment / fixture]
Bathroom Ensuite Bathroom Master Bathroom Mechanical Room Laundry Room Mechanical Closet Pump Room Meter Room Sprinkler Room Elevator Mechanical Room	Unit 203 Unit 4705 Unit UPH3 Unit TH36 Level P1 Level UMPH Level LMPH	Toilet Sink Dishwasher Bathtub Shower Floor Drain Fan Coil Air Handler Washing Machine Humidifier Aquarium Filter Meter Manifold Boiler

Typical Examples

Laundry Room	Unit 209	Washing Machine
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Message

An H2O sensor has detected water in **209** at the **Washing Machine of Laundry Room of 209 - 1616 Columbia St.**

Unique Examples

Boiler Room	Level P1	Boiler #1
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Message

An H2O sensor has detected water in **Level P1** at the **Boiler #1 of Boiler Room of 1616 Columbia St.**

Unique Examples

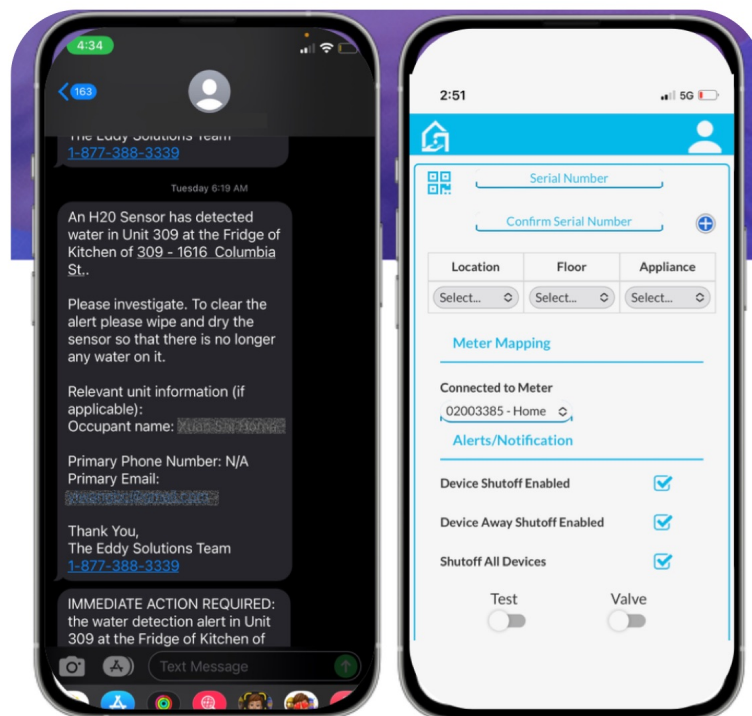
Mechanical Room	Level MPH	Floor Drain
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Message

An H2O sensor has detected water in **Level MPH** at the **Floor Drain of Mechanical Room of MPH - 1616 Columbia St.**

Naming

Consistency is key. When you give a sensor an appliance / location / floor, make sure you keep it both intuitive and consistent across the project. Below is a recommended "naming convention" that is a guide to consistent installations. Depending on the naming, it will reflect the text message / email you will receive.



Sensor Replacement

How to replace your existing **Eddy H2O Sensor**



Step 1

Take a clear photo of the back **of both the old and the new sensor**. Make sure the QR code and serial number are clearly visible on both. Send the photo to info@eddysolutions.com or your Eddy representative.



Step 2

Remove the old sensor and place the new sensor in the same location.



Step 3

Return the old sensor using the included return label. Affix the label to the top of the box and drop it off at your nearest UPS store.



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