

Ecolab[®] KitchenIQ[™]

Remote Equipment Monitoring Quick Start Guide



Watch the video to get started

Scan this QR code or go to:

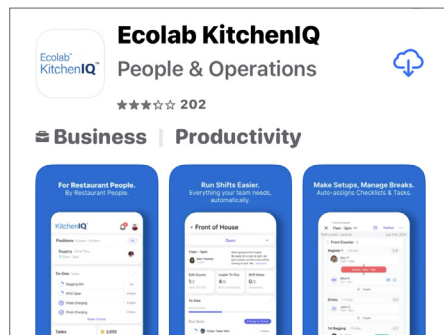
www.ecolab.com/offerings/remote-equipment-monitoring-support
or contact your Ecolab representative.

Step 1 - Cloud Connector & Sensor Setup

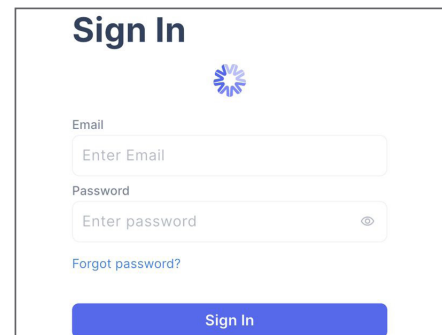


Plug in and power on the Cloud Connector. Once the light is solid white, it is connected to cellular data. **No wired ethernet is needed at most locations.**

Step 2 - Download and Install Ecolab KitchenIQ App

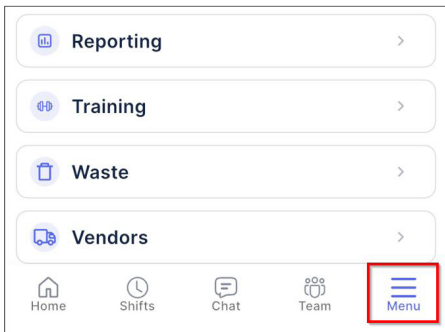


Download and install the Ecolab KitchenIQ app on a phone or tablet. Open the app and login with the credentials provided by Ecolab.

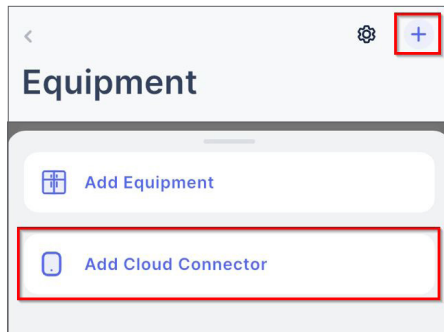


Your login name and password for the KitchenIQ App is required to configure your equipment

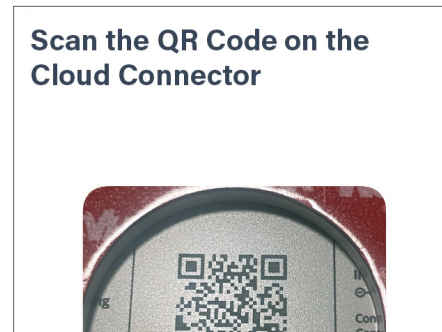
Step 3 - Add Cloud Connector to App



In the app, select the menu icon in the bottom right of the screen and select **"Remote Monitoring"** view. If you do not see Remote Monitoring on the list, you may not have appropriate permissions in the app.



Select the "+" icon at the top right and select **"Add Cloud Connector"** when prompted.



Give the Cloud Connector a name, and then proceed to scan the QR code on the back surface of the Cloud Connector.

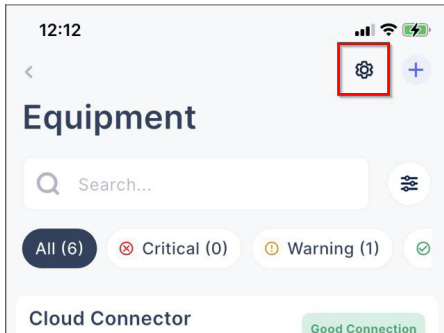


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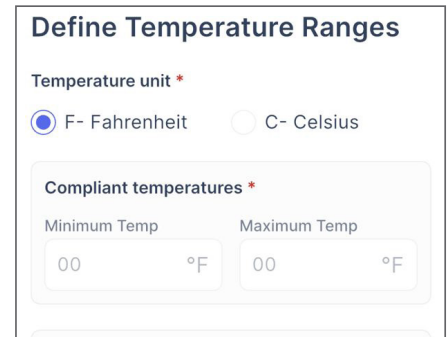
Step 4 - Create or Modify Equipment Templates



Equipment Templates define values that are used to generate alerts, and some pre-configured Templates are included with the app. You can adjust these Templates or create your own as needed. Equipment Templates can be set up by corporate, but if not, you can create them yourself by selecting the “gear” icon in the top right.



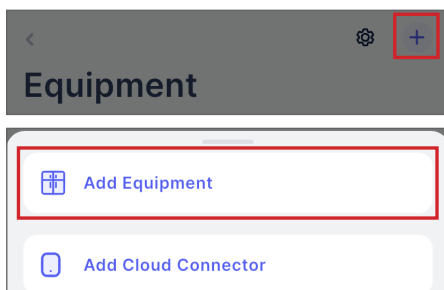
Three pre-configured Templates are included. The Cooler template can be used for any refrigeration equipment where temperatures should be maintained between 32° and 41°F like a refrigerator, thaw cabinet, prep table, etc.



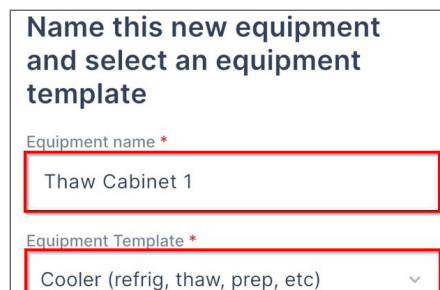
Equipment Templates define values that are used to generate alerts, and some pre-configured Templates are included with the app. You can adjust these Templates or create your own as needed.

Do not physically install any cloud connectors or sensors until you have watched the install video and read through the instructions below regarding surface preparations.

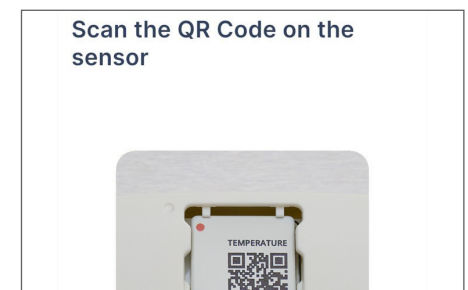
Step 5 - Add Equipment and Claim Sensors



Each piece of equipment you would like to monitor must be created in the app. During creation, you will claim a sensor that will be installed in the equipment. Select the “+” icon from the Equipment screen, and then select “Add Equipment” when prompted.



Name this piece of equipment and select an appropriate template. The same template can be used for multiple pieces of similar equipment. For example, most cooling equipment can use the same “Coolers” template.

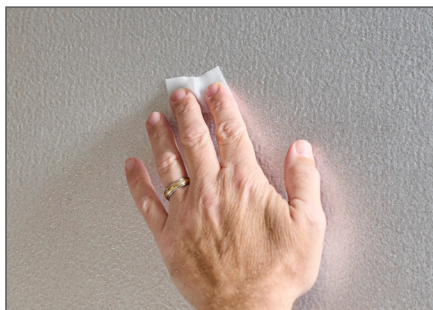


Scan the QR code on the sensor that will be installed inside this piece of equipment and then save the equipment. One sensor is all that's needed for one piece of equipment at this time.

Next, install this sensor. Be sure to prepare the surface exactly as described below.

PREPARING SURFACES FOR SENSOR INSTALLATION

Step 6 - Install Sensors



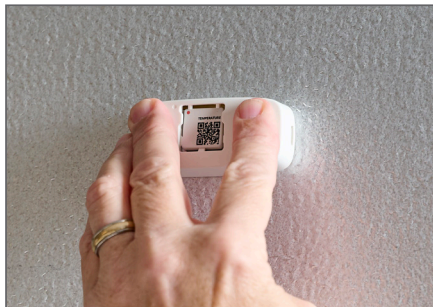
When installing sensors it is critically important to prepare first by thoroughly cleaning the surface with an alcohol wipe.



Next, completely dry the cleaned surface using a clean, dry disposable towel.



Remove the adhesive backing and affix the sensor to the clean and dry surface.



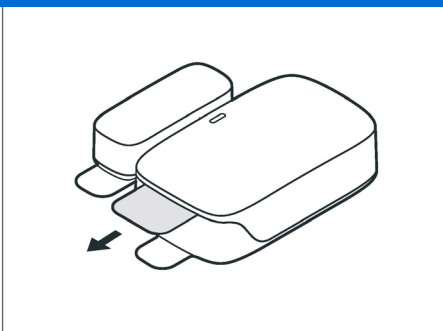
FIRMLY PRESS AND HOLD the sensor in place for 10-15 seconds to allow the adhesive to cure.

Failure to perform each step listed can result in an insecure sensor, and the sensor may fall off.

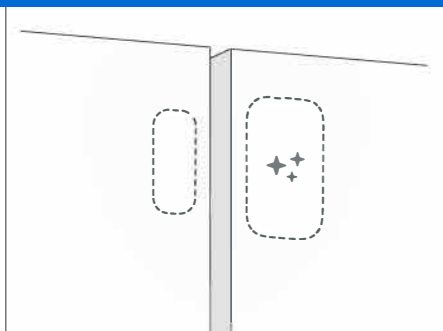
**A completely clean and dry surface is required for the adhesive to stick.
DO NOT SKIP THIS STEP.**

**Pressing and holding for 10-15 seconds is a critical.
DO NOT SKIP THIS STEP.**

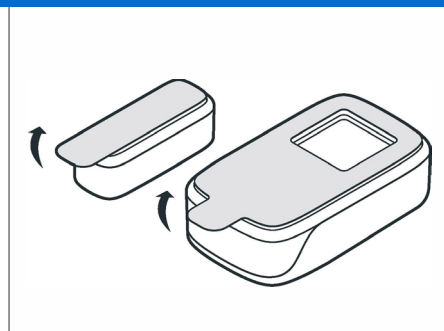
DOOR SENSOR INSTALLATION



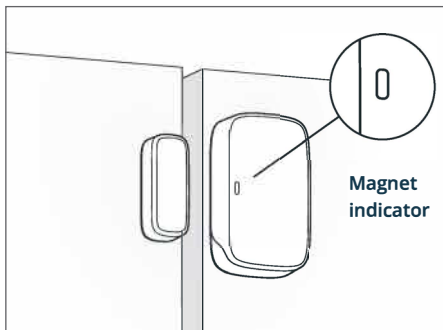
Step 1 - Pull the battery tab to activate the sensor.



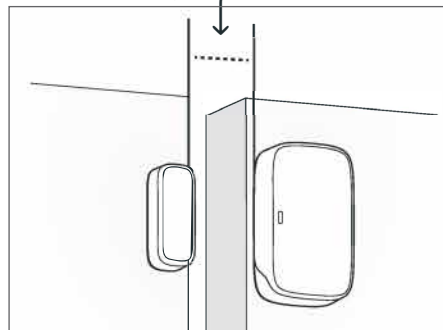
Step 2 - Make sure the mounting surfaces are clean and dry.



Step 3 - Remove the adhesive backing from both the sensor and magnet.

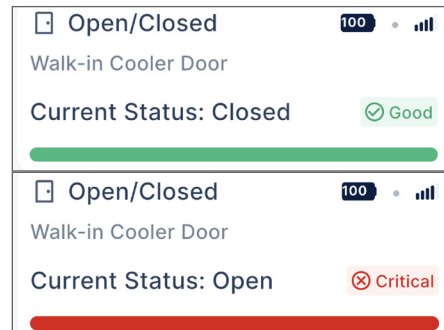


Step 4 - Place the magnet on the same side as the indicator mark. They should be center aligned.



Step 5 - Ensure gap is less than 30mm (1.2 inches).

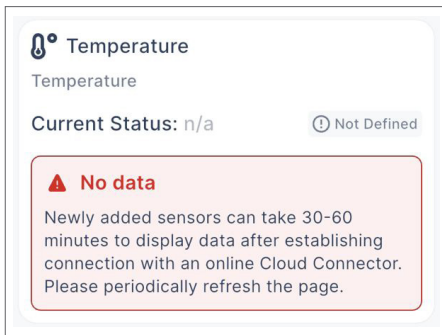
Note: Installing on magnetic surfaces can reduce the required gap to 15mm (0.6 inches).



Step 6 - Test the sensor's performance. In the REM module, select the equipment where the sensor has been added to view it's status. Close the door/window and confirm in the app, then open the door/window and wait 5-10 seconds and pull-down to refresh the app to ensure that it indicates open.

Note: The status indicators in this example are green for closed and red for open. Those colors will be reversed if your template is set to alert when the door/window was left closed.

Step 7 - Confirm Sensor Connectivity



Confirm the sensors are connected and displaying the correct information.

Step 8 - Finish Cloud Connector Install



Complete the Cloud Connector installation on a ceiling tile or close to an exterior wall. It must be close enough to a power outlet for the included power cord.



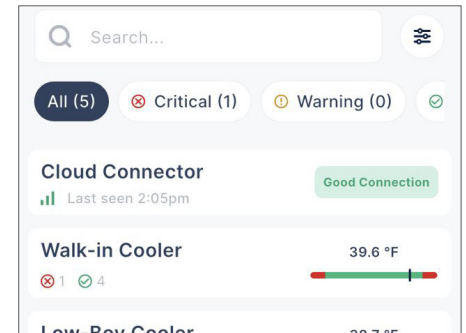
Remove the round mounting bracket from the back of the Cloud Connector and attach it to your chosen location.



Place the Cloud Connector over the mounted bracket and twist in place to secure.

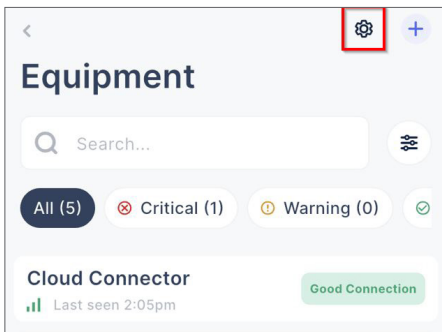


Reconnect the power cord and wait for the light to remain solid white.

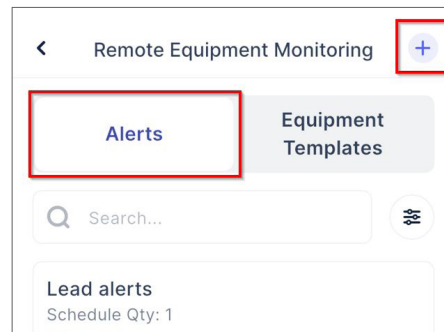


Verify reconnection and all sensors are visible.

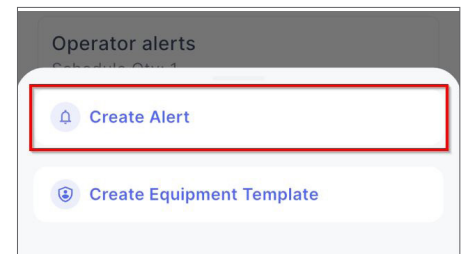
Step 9 - Setup Alert Definitions



Press the gear icon in the top right and select the "Alerts" tab.



Click the "+" icon to add a new alert.



You can create alerts based on your operational needs.



Your Remote Equipment Monitoring solution is now up and running.



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