



Quick Mount Installation Guide

Gateway Plus (Connect™) | Tank/Pump Management

Contents

Required Materials.....	2
Grounding Example.....	3
Install the Connect™.....	4
External Battery Monitor.....	6
Provision the Site.....	7
Sensor Install and Calibration.....	9
Secure the Connect™.....	11

Follow each step carefully on the following pages to ensure a complete installation.





If at any point you have questions during the process, please contact your Client Success team at support@wellaware.us or by calling (210) 816-4600 (Ext 2).

This guide is subject to change due to any updates WellAware may make. Please visit our Knowledge Base at support.wellaware.us or hover over the QR code below with your smartphone to stay up to date with any changes.



Required Materials

Items and tools needed for your installation:

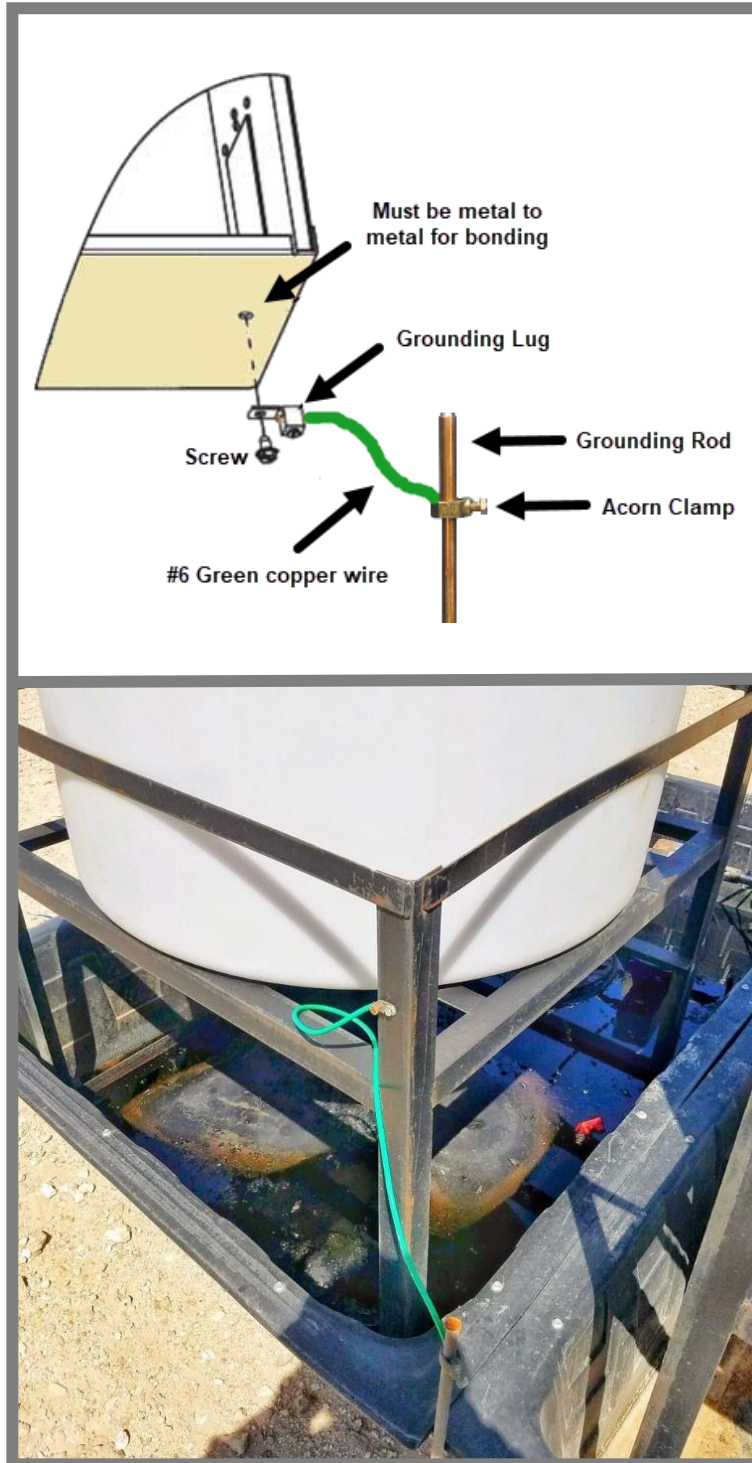
	
<p>One Connect™, Hydrostatic Sensor and Antenna (All Included)</p>	<p>Drill with 2 1/4 " Hole Saw attachment and ≥ 3" PVC Cap (All Not Included)</p>
	
<p>Arm Length PVC or Nitrile Gloves (Not Included)</p>	<p>WellAware Field App Installed on Smartphone</p>

WARNING: DO NOT USE NON-CLASSIFIED POWER TOOLS IN CLASSIFIED AREAS WHERE FLAMMABLE VAPORS MAY BE PRESENT. WellAware recommends the use of brushless motor power drills or pneumatic drills utilizing compressed air. Makita manufactures a Class I Div II rated power drill which may be used in areas carrying the same classification.

WellAware also recommends grounding plastic/polyethylene tanks to avoid static electrical build up. Failure to properly ground tanks can result in electric shock or damage to the level sensor and will void the warranty on the sensor. For more information on grounding plastic/polyethylene tanks, please contact your Client Success team at (210) 816-4600 Ext 2.

Grounding Example (Not Required for All Tanks)

Hammer a 2 foot (minimum) copper 5/8" grounding rod into the ground near the power source. Then install a 5/8" acorn clamp to the grounding rod and #6 wire. Then connect the other end of the #6 wire to the grounding lug.

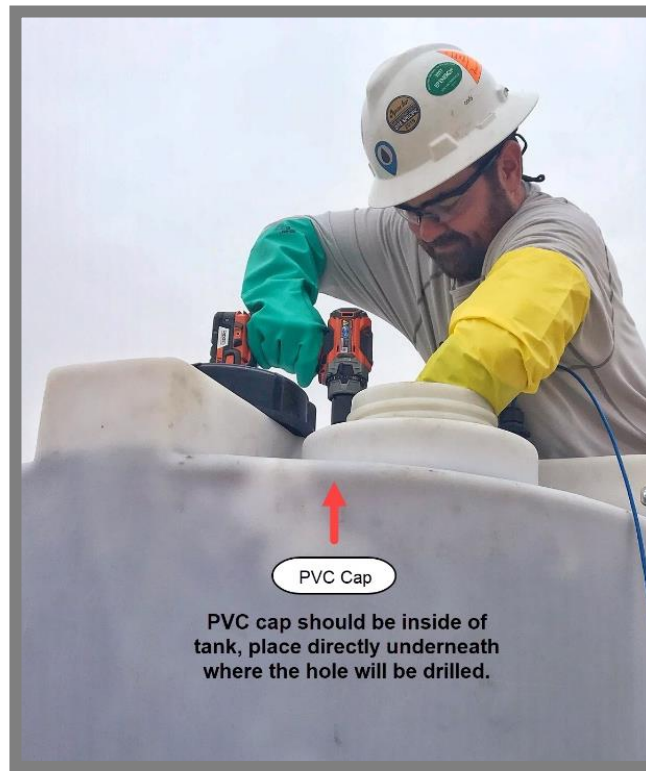


Install the Connect™

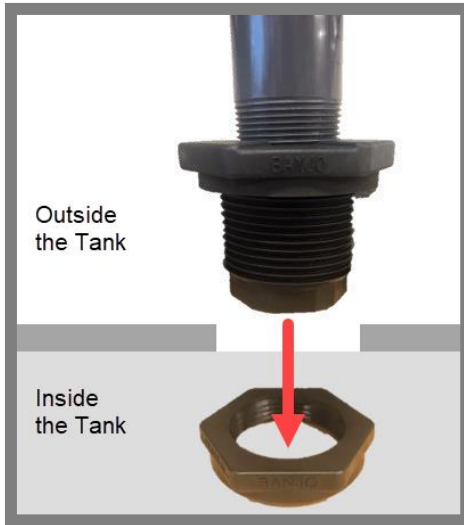
Some tanks may already have a NPT fitting and drilling will not be required. This should be determined with your Client Success team before Connects™ are sent to you. If you already have an NPT fitting on your tank, skip to step 4 in this section.

1. Put on PVC arm length gloves and remove the tank cap.
2. Take the 3" PVC cap and hold it in the tank just under the top of the tank. This will catch the plastic shavings when you drill a hole in the top of the tank.
3. Then take a 2 ¼" hole saw and drill a hole into the top of the tank. (Be sure to drill right over the PVC cap. Some installers paint the top of the PVC cap a dark color; this way you can see the outline of it on top of the tank for hole placement.)

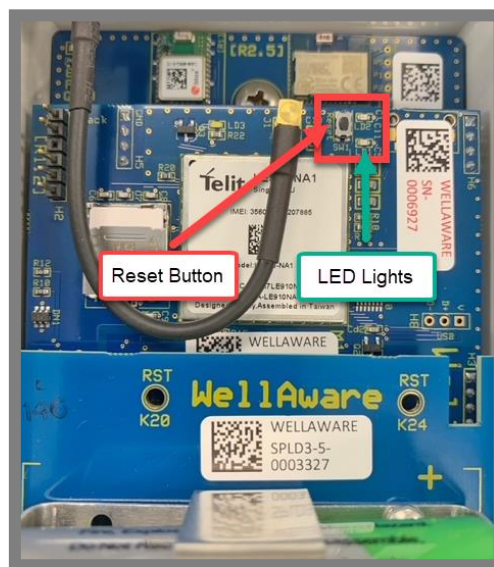
WARNING: DO NOT USE NON-CLASSIFIED POWER TOOLS IN CLASSIFIED AREAS WHERE FLAMMABLE VAPORS MAY BE PRESENT. WellAware recommends the use of brushless motor power drills or pneumatic drills utilizing compressed air. Makita manufactures a Class I Div II rated power drill which may be used in areas carrying the same classification.



- Once the hole is drilled or NTP fitting determined, it is time to prep the Connect™. Screw the antenna directly to the top of the Connect™. Make sure antenna is clear from obstruction. Now remove the threaded nut from the bottom of the Connect™ assembly piece. Place the bulkhead piece outside of the tank and through the drilled hole. With other hand, reach inside the tank with the threaded nut and attach to the bulkhead. Then tighten until snug. See diagram below:



- Now turn on the battery pack by flipping the red power switch on the circuit board. **(If you are going to wire external battery monitoring, do not turn unit on until next page is complete.)**

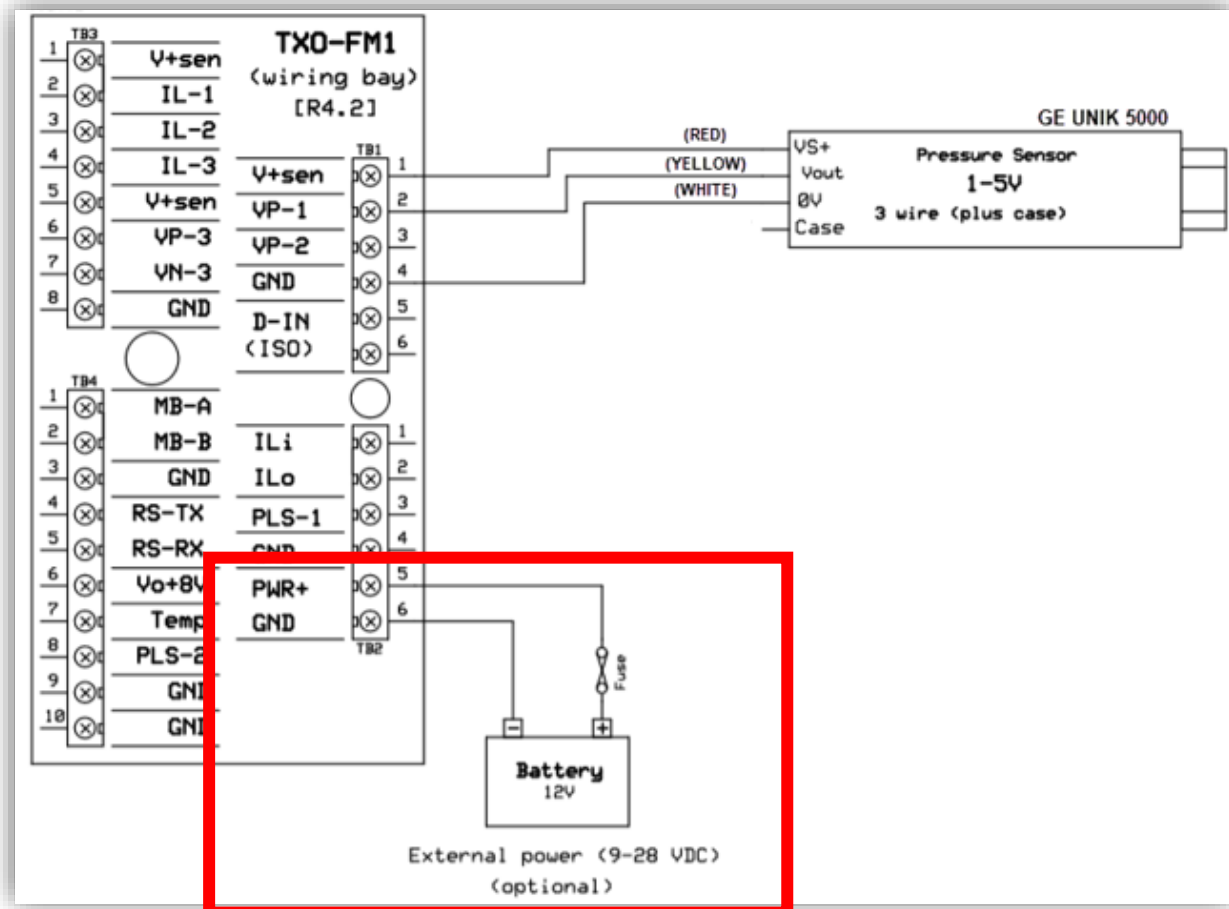


Once power is turned on for the Connect™ you should then see flashing LED lights in the top right hand corner of the Connect™ circuit board. If the lights do not flash, press the black reset button and wait a moment for the lights to flash. These lights indicate you have power. If your lights still do not flash, flip the power switch to off and then back to on again. If the LED lights still do not flash, please call your client success team at (210) 816-4600 (Ext. 2).

External Battery Monitor

If you have chosen the option to wire external battery monitoring, be sure the unit is turned OFF before completing any wiring.

WellAware suggests using 18 AWG wire to complete the external battery monitor wiring. Wire the Connect™ to the power supply using the wiring diagram provided. **NOTE: Wire into the Connect™ first before wiring to the 12 VDC battery. The WellAware Connect™ will not produce more than 15 VDC.**



Possible additional materials: Drill and cable gland (sizes may vary). If you are required to drill into a box containing the battery, be sure to seal the hole with a cable gland properly.

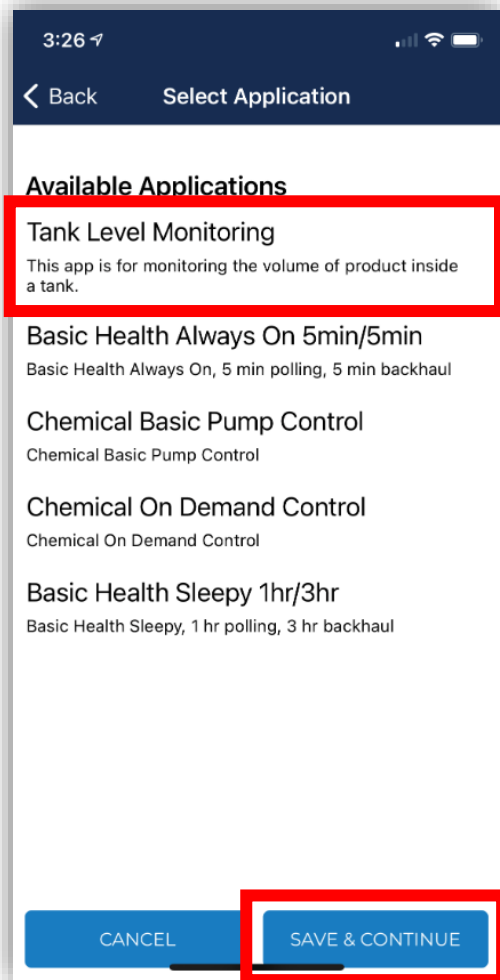
Provision the Site

You will need the WellAware Field App to provision your site. Open the app and login using your credentials that were provided to you by the client success team. Once logged in, hit the [blue scan button](#) to locate the Connect™ (your Bluetooth must be enabled to do this). Once you see the Connect™ serial number listed, click on it and follow the below steps:

1. Click on the “Load App” icon to select you product and fill out the new installation form.



2. You will see a list of available applications to select. Select the product called “Chemical Classic TLM” then hit “Save & Continue.”



3. You will now be prompted to fill out a series of information about the Connect™, tank, pump and install. You must complete all information to send the form. If you do not have a pump as a part of your setup, please fill out pump information as not applicable. You will not be able to save it as a draft during this process.
4. When taking a photo, be sure to select yes to allow the app to access your camera.

Note: If the app unexpectedly closes when trying to take a photo, use the following steps:

- Exit out of the app and select your phone settings. Find your list of downloaded apps and select the WellAware field app.
 - Turn on the feature for Camera.
5. Once you have filled out all four pieces of information (Connect™, tank, pump and install) select submit in the bottom right-hand corner.
 6. If you missed filling out any piece of information, the form will not submit. It will take you back to the four pieces of information and highlight anything in red that you need to complete.
 7. Once you have hit submit on the form, it will ask you if you want to send the form immediately or send later.

If you choose to send immediately: If the form does not submit within 30 seconds, you will receive an error message that says, "Form Submission Failed." If you hit ok, your form will be sent to the Unsent Forms section of the app. Hit retry in this area once you have better connection.

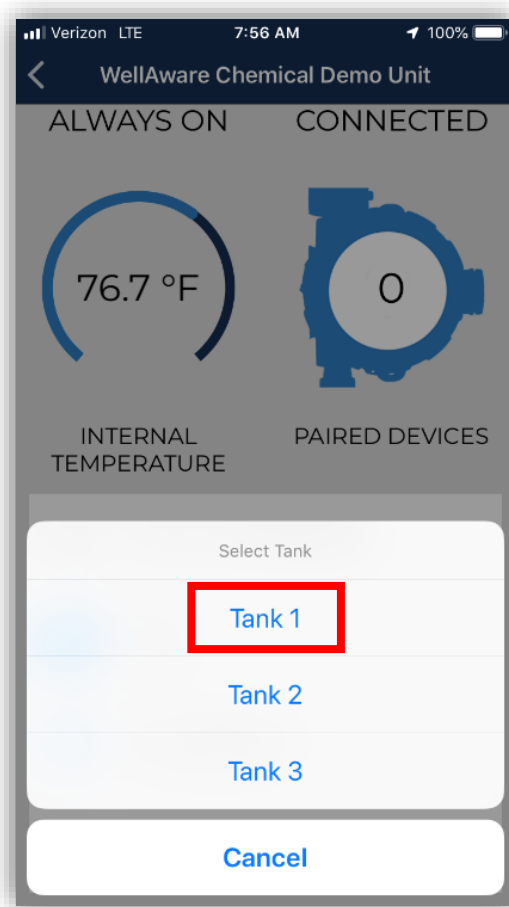
If you choose to send later: The form will be sent to the unsent forms section. To get to this section, click the three lines in the top left-hand corner of the app and select the "Forms" section.

Once form is submitted successfully, you will receive a confirmation email from WellAware. If you do not receive the confirmation email, contact WellAware Client Success at success@wellaware.us.

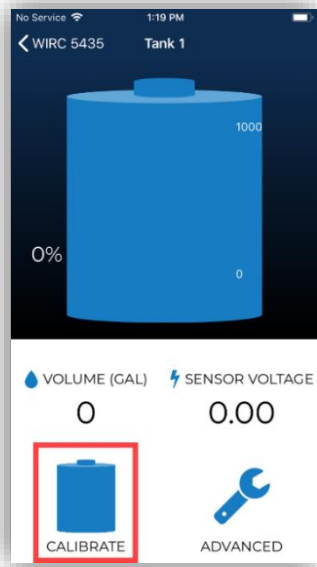
Sensor Install and Calibration

Prep your sensor by removing any zip ties and uncoiling the cord. **DO NOT DROP THE SENSOR INTO THE TANK YET.** The WellAware field app will assist you when to drop it into the tank. Once you are signed into your Connect™ in the WellAware field app follow the below steps:

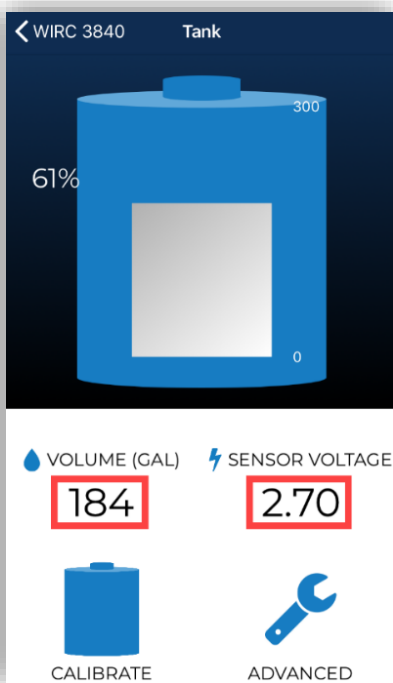
1. Click on the “Tank” option and then select which tank you are calibrating. If you only have one sensor for your Connect™, then select “Tank 1.”



2. Next click "Calibrate."



3. Then you will complete the five step by step instructions in the app. Instructions include entering tank level volumes and sensor placement. At the end of the instruction you will hit submit. Final screen should resemble the below example. Also below is a photo of where the sensor should be inserted to enter the tank.



Now you can tighten your cord grip on top of the WIRC assembly. Be certain the cable is snug on the sensor wire but not too tight that it can crush or kink the reference tube. Then be sure to place the chemical tank cap back in place.

Secure the Connect™

WellAware encrypts their Connects™ to ensure only approved users can connect to them and make any changes or view data. Follow the below steps to finalize your installation.

1. Once connected to your Gateway Plus Connect™ in the WellAware Field App, you will see the Secure Device icon. Click on it to secure your device. This will result in securing your device and sending you back to the home scan screen.



2. If you would like to verify your device successfully secured, you can re-scan for devices and select your Connect™ device again. Now, you should see the icon shows Secure.



You have now successfully installed your WellAware Connect™!
For any further questions you can reach out to Client Success.

