360Tanks

360Falcon with Submersible Level Sensor

Installation Guide

Support

If at any time during your installation you need help, please contact:

phone: **1300 859 360**
email: support@360tanks.com

Box Contents

Installation Tools Required

1. Ladder
2. 28 - 30mm Hole Saw
3. Cordless drill
4. Phillips head screwdriver

Safety

- The sensor contains internal batteries. Do not open the unit enclosure unless the area is known to be free of ignitable concentrations.
- Electrostatic discharge (ESD) can damage equipment and impair electrical circuitry. ESD damage occurs when electronic components are improperly handled and can result in complete or intermittent failures.
- The sensor is intended for fixed installation, where the installation is intended to minimize the risk from ESD.

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Installation Steps

⚠️ **Never open the unit when on top of the tank. Do not climb on the tank roof.**
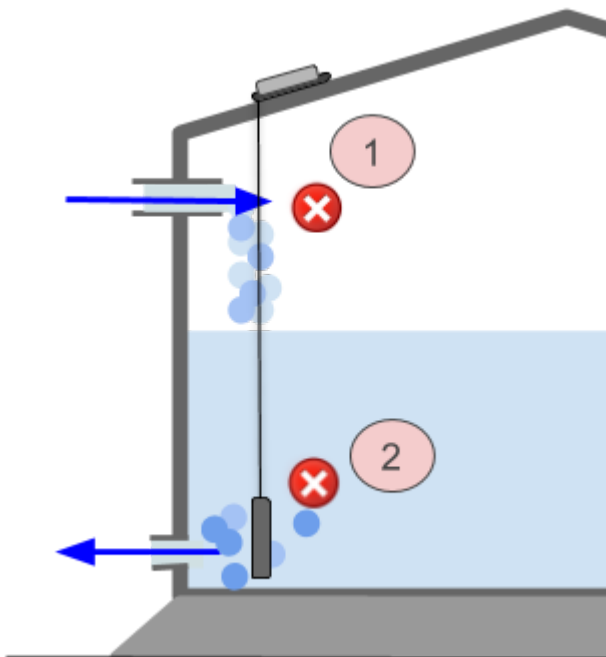
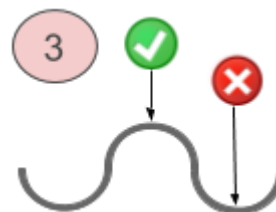| 1	**Note the Sensor Number you are Installing**
	If you are installing more than one unit, make a note of the IMEI number and the serial number of the sensor you are installing. This can be found on the sensor label on the back of the communications unit. ℹ️ You can name your sensor in the 360 Tanks application. The IMEI identifier of each unit is also shown in the application settings for each sensor. The default name of each sensor is the serial number.

2	**Position Sensor and Drill a Hole**
	Safely climb on to the tank, locate and mark suitable position on the tank for the sensor noting the following conditions: 1. **The sensor must be mounted away from the water inlet** 2. **The sensor must be mounted away from the water outlet** 3. On corrugated roofs, mount on the top of the corrugation, not in the channel Drill a 28-30mm hole at the marked location

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Mount the Communications Unit to the Tank

If the sensor is not already attached to the mount unit, attach using the wingnuts provided then fix the mount to the tank roof or suitable structure using the screws provided if required.
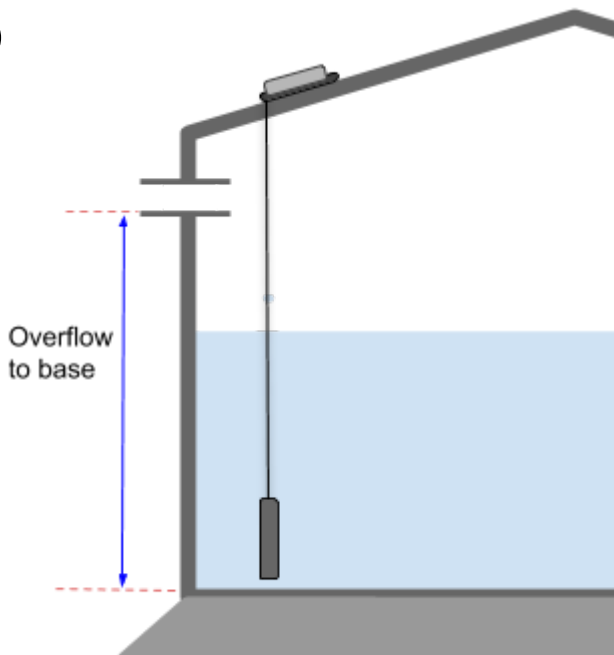
4

Install the Sensor

- Gently lower the pressure sensor to the bottom of the tank through the hole.

⚠️ **Don't drop the pressure sensor or release the cable.**

- Take in the cable slack so the submersible sensor is just off the bottom of the tank and secure with a cable tie to the tank mount.
- Use the rubber grommet already attached to the sensor cable to seal the hole (if a 28-30mm hole was drilled)

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Measure the overflow to base distance

Measure and record the overflow to base distance in mm.
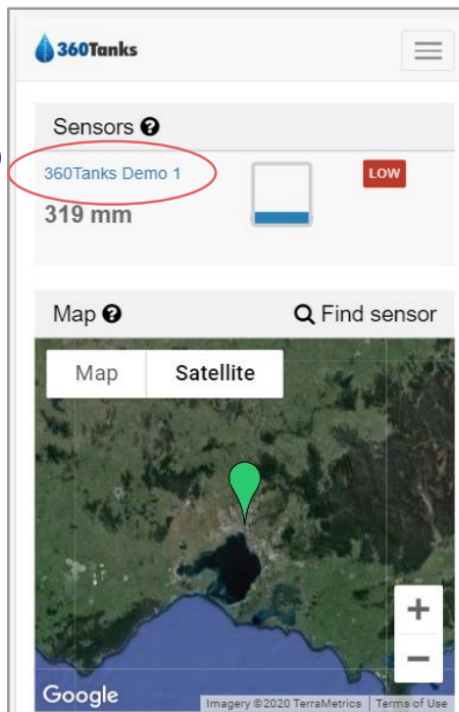
Overflow to base

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Optional - Manually Wake Unit and Force First Reading

- Your unit is shipped active and will begin to take automatic readings on its regular cycle however you can also force it to take a new manual reading anytime.
- Hold the magnet provided, next to the magnet symbol stick for approximately 2 seconds. You may need to rotate the magnet.

Check for a successful water level reading on the 360Tanks application. Note there will be some 0 level reading data prior to your current reading due to the sensor being shipped 'on'.
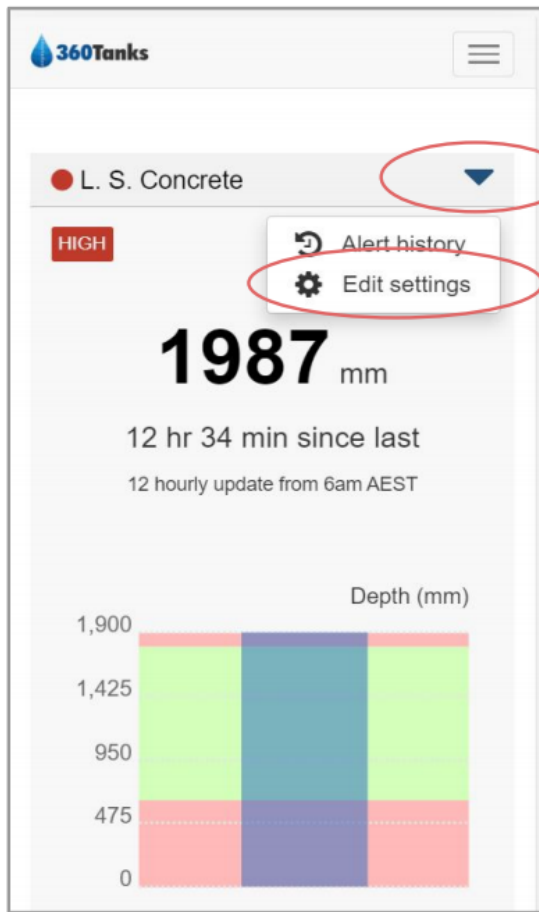
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Configure Your Sensor Unit Online

Note: You can do this anytime and as often as you like.

- Log in to 360Tanks.com
- Check the sensor reading on the dashboard.
- To configure the unit, click on the sensor name (this is the serial number of the unit if you haven't renamed the unit).

You can sign in and configure with your phone while still onsite. You can also update the configuration and measurement settings at any time.
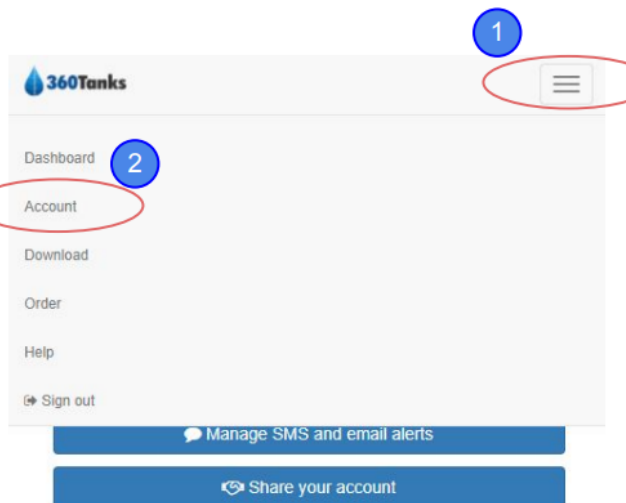
- On the sensor screen, select the triangle to the right of the sensor name then select Edit Settings
- Follow the prompts to configure your sensor name, tank dimensions and alert preferences.

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Finalise Your Alert Settings

Set up how you would like to receive alerts

1. Select the menu icon
2. Select **Account**
3. Select **Manage SMS and email alerts**
4. Follow the prompts to complete your setup

Installation FAQs

Please check our online Frequently Asked Questions regarding installations. Find these at
www.360tanks.com then select to FAQ at the top of the page.

If your question is not answered here please contact us at:
support@360tanks.com

Limited Warranty

Upon Your payment in full of Your Sensors Purchase Price and Our delivery to You of Your
Sensors, we warrant to You that for a period of the earlier of: (a) three years following the delivery
of Your Sensors to You; or (b) the expiration or termination of Your Subscription to the 360Tanks
Service (the "Limited Warranty Period"), Your Sensors will operate in accordance with the written
specifications for the Sensors (the "Sensor Specifications") located at www.360tanks.com (the
"Limited Warranty"). The Limited Warranty does not apply in the event that any part of Your
Sensors (including any of Our Software therein) have been: (i) used other than in accordance with
these T&Cs, the Sensor Specifications or other written operating instructions provided by Us or Our
agents to You; (ii) modified, repaired, serviced, maintained or altered by anyone other than Us or
one of Our authorized agents without Our prior written approval in each instance; (iii) combined
with or installed on/with operating systems, hardware or other equipment that do not constitute Our
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(v) damaged by causes beyond the Our reasonable control; or (vi) sold or transferred to any
Person other than You. The Limited Warranty extends only to You and does not extend to any other
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YOUR SENSORS WILL BE UNINTERRUPTED OR ERROR-FREE.