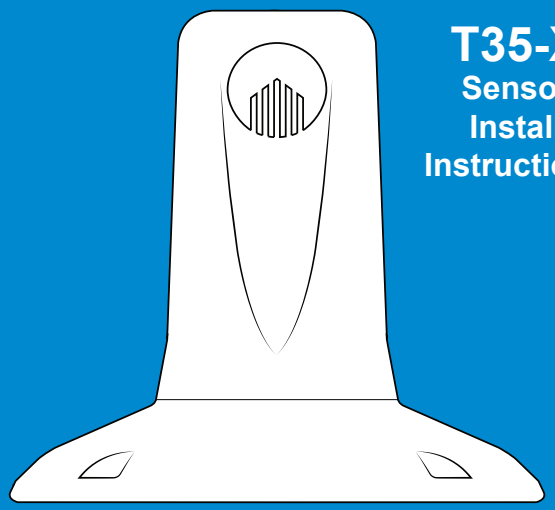
waterwatch



T35-X
Sensor Install Instructions

1. Create Your Account

An email has been sent to you with a link to create your Waterwatch account. Follow the link to set up your account password.

If you haven't received an email, let us know and we'll sort it out.

Phone:
NZ (03) 477-2779
AUS (07) 5235-5288
Email:
info@waterwatch.io

2. Get The App

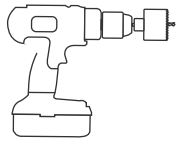
Using your mobile phone, search for the Waterwatch Mobile App in the Play Store or the App Store and download.

Available on the App Store

GET IT ON Google Play

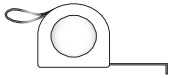
Sign into the Waterwatch Mobile App with your email address and Waterwatch password.

Tools you'll need:



50 - 60mm Hole Saw

4 X M4 Screws (supplied)



Tape Measure

Magnet wand (supplied)

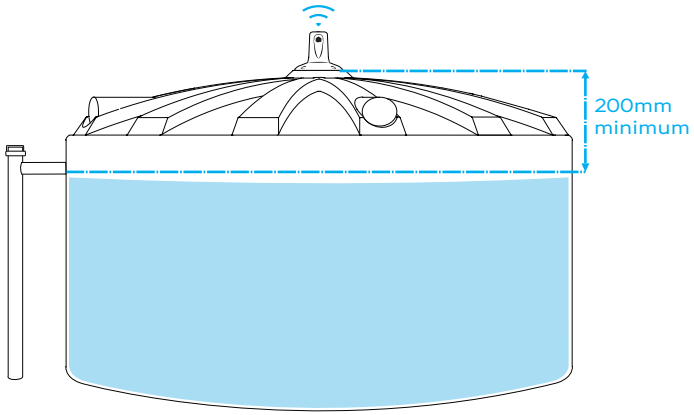
Pen or pencil

3. Position your sensor

The sensor must be at least 200mm above the highest possible water level.

Ensure that there are no obstructions directly under your chosen mounting position of the sensor such as ball cocks, inflow and outflow pipes.

The sensor should be as close to level as possible, at no more than a three degree angle.



Plastic Tanks

The best installation spot is on the center of the tank roof. This is generally the highest point and provides an unobstructed view to the water surface.

If the sensor can't be installed level, angled mounting shims can be purchased from our online store. Otherwise the tank lid can be used.

Remember to leave at least 200mm between the senor and the highest water level!

Concrete Tanks

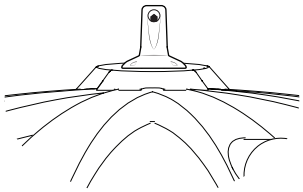
Mounting high (but off center) using the mounting shims is the most common method for installation on concrete tanks.

You will need to supply your own concrete screws.

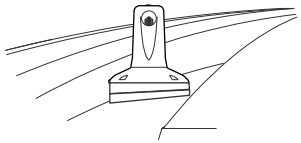
Some customers prefer replacing the inspection lid with timber to install the sensor.

Remember to leave at least 200mm between the senor and the highest water level!

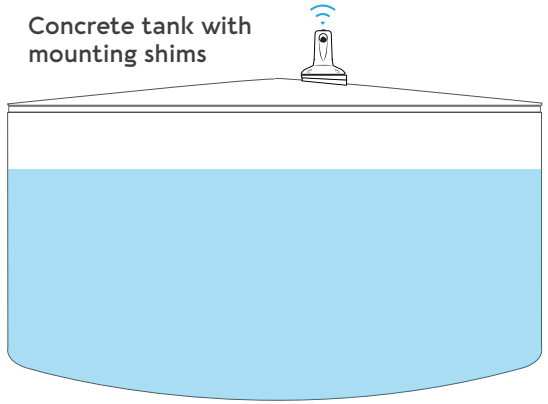
Tank lid



Using mounting shims



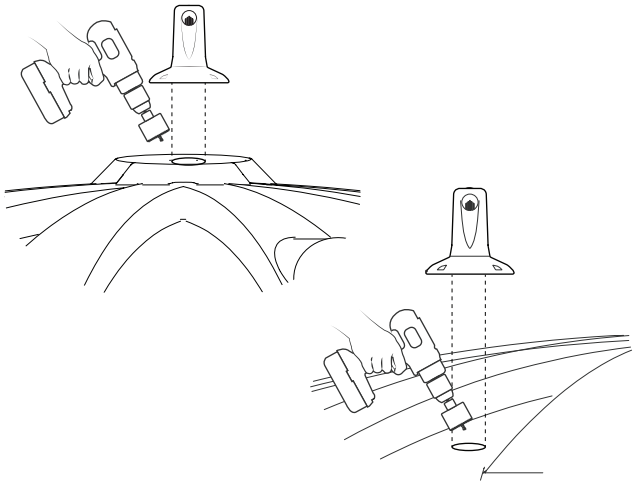
Concrete tank with mounting shims



4. Drill

Once you've decided on the best position for the sensor you'll need to cut a 50mm hole.

This will give your sensor a clear view of the water in the tank and make it easier to measure the distance between the sensor position and the bottom of the tank (step 5).



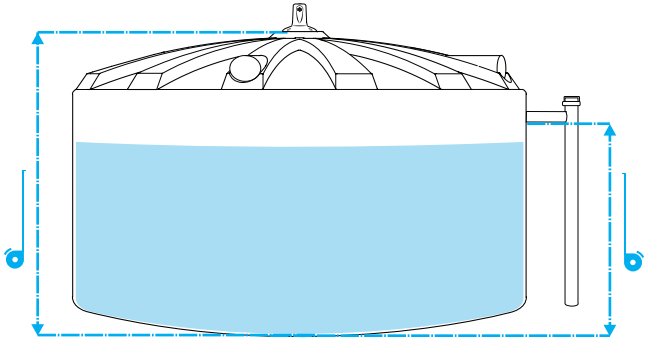
5. Take Measurements

Before you install your sensor, you will need to take some measurements so we can calibrate the sensor to your tank.

To measure the height of the sensor position, feed the tape measure through the 50mm hole to the bottom of the tank.

Record the sensor height:

Record the distance between the sensor position hole and the bottom of the tank.



Record the maximum water depth:

This is usually the distance from the bottom of the tank to the overflow/ outlet.

Enter the tank measurements into the app:

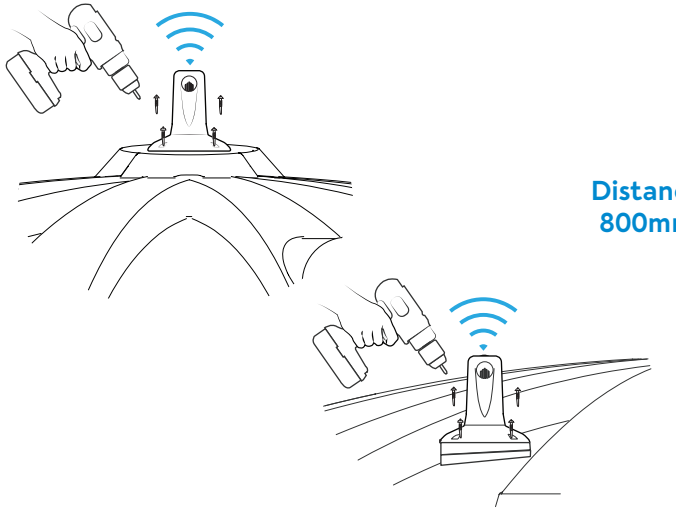
Select the home tab on the waterwatch mobile app. Select your sensor and follow the on screen instructions to enter your tank measurements. If you need to change these measurements later, select your sensor from the home screen and tap "change tank measurements".

Otherwise, email the measurements to info@waterwatch.io as soon as possible and we will set them for you.

6. Install

Attach your sensor to your tank using the supplied M4 screws.

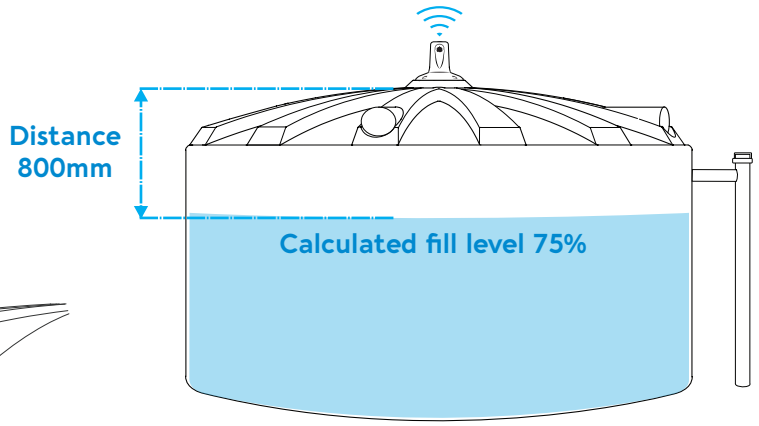
If you have a concrete tank, you'll need to supply your own concrete screws.



Current Depth

Once we have received your tank measurements your Waterwatch app will calculate your fill percentage.

Until we have received your measurements, the sensor will measure and display the distance between the sensor and the water.



Alarms

Commonly set alarms are 50% for low level and 110% for high level or overflow detection.

Your sensor checks for alarms every 15 minutes and will send an alert to your phone letting you know straight away if these set levels have been reached.

Alarms can be set in your Waterwatch mobile app.