

7.

## INSTALL THE GASKET AND LENS

- > Insert the wall plugs  
(required for concrete tanks only)
- > Put the **blue rubber gasket** back into place - check that it is aligned with the center hole and fixing holes
- > Insert the white **plastic lens**, with the **rubber O-ring** facing up



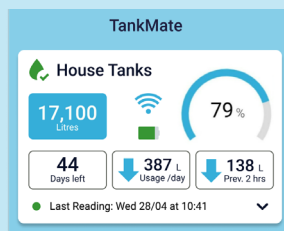
## IMPORTANT

- Press the **READ** button underneath the sensor before fixing it down onto the tank. Check the **LED** status:
- > Blinking green, then solid BLUE: connected to the network
  - > Blinking ORANGE + beeping: ready to be positioned (10 seconds)

8.

## SECURE THE TANKMATE SENSOR

- > While the status light is blinking ORANGE, place the sensor onto the tank, on top of the gasket
- > **Wait 20 seconds**, then **refresh** the **TankMate app** (swipe down)
- > Check that an initial level reading was recorded (reading date / time in app)
- > Secure the sensor with the 4 screws provided. For poly or concrete tanks, use the stainless screws. For steel/zincalume tanks, use the galvanised screws.



You have now completed the TankMate sensor installation!



## USING YOUR TANKMATE SENSOR

See the **User Guide** here: <https://tankmate.gitbook.io/>

- > The sensor sends level data every **6 hours** by default (4 times per day.)
- > This can be customised in the app:  
Settings > Sensor / Tank Settings
- > You can get an instant reading at any time by pressing the **RESET** button (base of unit), or by using the blue magnet.  
See User Guide for details.



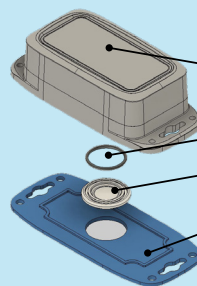
LTE (4G)

# QUICK START GUIDE

## TankMate TMR3L Tank Level Sensor



## WHAT'S IN THE BOX:



- 1 1 x TMR3 Tank Level Sensor
- 2 1 x O-ring
- 3 1 x Lens
- 4 1 x Blue rubber gasket
- 5 4 x 1" fixing screws
- 6 4 x Masonry wall plugs
- 7 1 x Magnet (to wake up sensor)

1.

## ACCOUNT / APP SETUP

- > Download the iOS or Android app from your app store
- > **Sign Up** to create your **TankMate** account



**NOTE** The sensor should only be added to one account. Additional app users should sign in using the same email login / password.

2.

## ADD A TANKMATE SENSOR

- > Select the **R3** product option from the app setup screen
- > Take the sensor out of the packaging, and remove the blue rubber gasket from the base
- > **Scan the QR code** located underneath your TankMate sensor
- > Follow the prompts in the app to **activate the sensor**



## ACTIVATING THE SENSOR

Best done **outside**, near the tank. Hold the **RESET** button for **6 seconds**. An audible beep should be heard. A **solid green-blue LED** indicates a successful network connection. See **User Guide** for troubleshooting.

3.

## ENTER YOUR TANK DIMENSIONS

- > Follow the prompts in the app to select the correct volume, tank quantity and overflow height. **These can be edited later.**
- > **Multiple connected tanks** can be monitored by one sensor, provided the tanks are balanced
- > The **Sensor Height** will need to be measured during installation. See section 6.

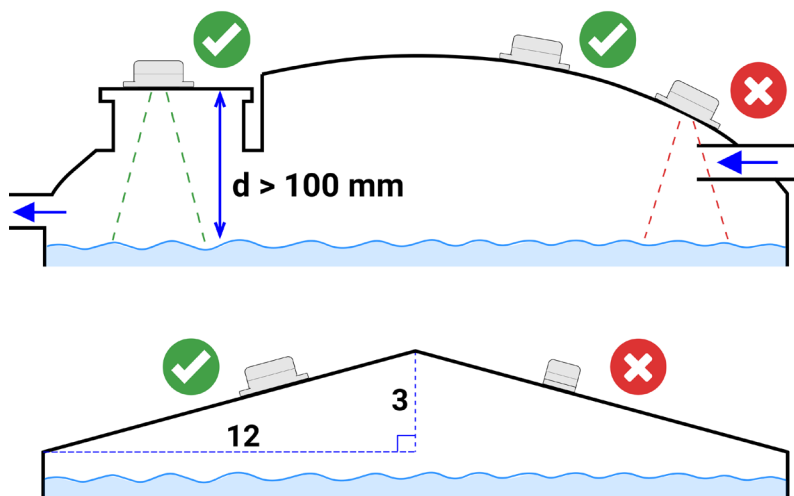
4.

## POSITIONING THE TANKMATE SENSOR

The position of the sensor is critical to ensure accurate readings can be taken.

### The sensor must:

- > Be at least 300mm from the tank side wall - where possible
- > Have a clear **line-of-sight** to the water surface - no obstructions
- > **Not** be on a **slope greater than 3/12 (15 degrees)**. Orientate the sensor so that the long edge runs up the slope.



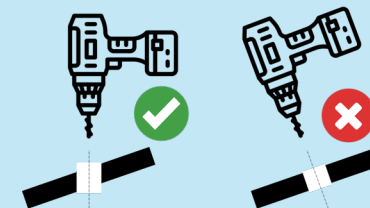
## TOOLS REQUIRED

- > **Ø30mm hole** saw / spade drill bit (poly poly or steel tanks); **OR** 30mm diamond core drill (concrete tanks)
- > **Ø3mm drill bit** (poly tanks); **OR** 6mm masonry drill bit (concrete)
- > Power drill / 18V brushless battery drill
- > #2 Phillips screwdriver

5.

## TANK PREPARATION

- > **Drill a Ø30mm hole** in the tank lid / roof
- > For thicker tank materials (e.g. concrete), ensure that the hole is drilled vertically



- > Place the **blue rubber gasket** onto the tank lid/roof - align the center hole with the 30mm hole you have drilled
- > **Mark** the position of the **4 fixing holes**
- > Remove the rubber gasket
- > **Drill the 4 fixing holes:**
  - 3mm for poly or steel tanks
  - 6mm for concrete



6.

## SET THE SENSOR HEIGHT IN THE APP

- > Use a tape measure to measure the distance from the tank **mounting surface** (roof / lid) to the floor of the tank
- > In the mobile app, open: **Settings > Tank Settings**
- > Set a **Sensor Height** to match the distance you have just measured (m)
- > **SAVE** the Tank Settings in the app

