

RAIN HARVESTING

by Blue Mountain Co

Side Wall Guided Tank Gauge



Installation and Specification Guide

PRODUCT DETAILS

Designed to provide accurate readings even in windy conditions, the Side Wall Guided Tank Gauge clearly displays the exact water position, enabling a quick understanding of your water level.

Featuring a red reflective band around the gauge indicator, it's highly visible from a distance, allowing for quick readings at any time of day. The UPVC float is suitable for use with drinking water, and since the float is the only element which contacts the contents of the tanks, it is suitable for other liquids also. Plus, its durable counterweight system guarantees that your measurements are accurate and precise.

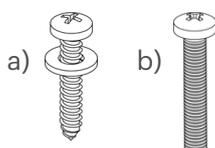
rainharvesting.com.au

Code	Country
TGSW02	GLOBAL

Installation

WHAT'S IN THE BOX?

- Side Wall Guided Tank Gauge
- Guide pole foot bracket
- Guide pole bracing bracket x 2
- Screws:
 - a) 6 x Screws for securing gauge to the tank
 - b) 2 x Screws for securing the bracing brackets to the tank gauge

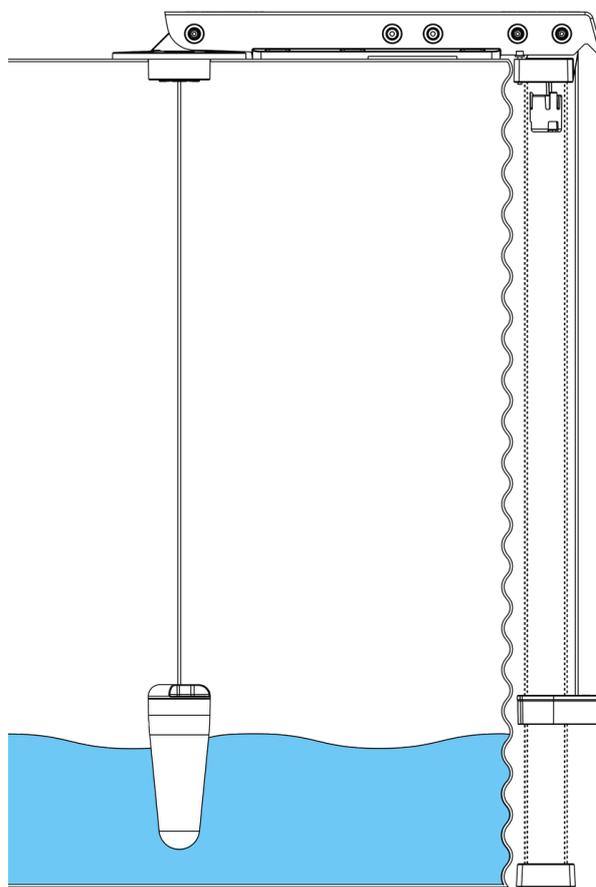
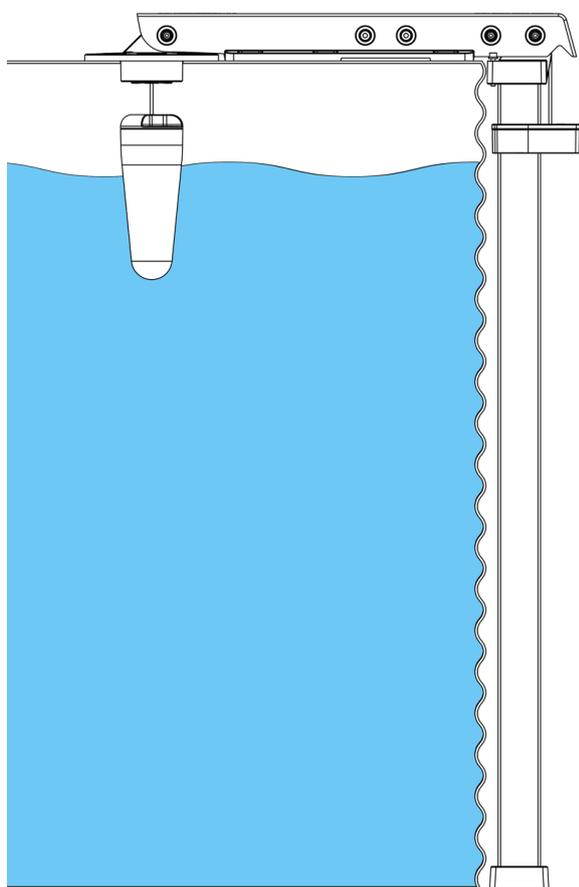


TOOLS/MATERIALS YOU MAY REQUIRE

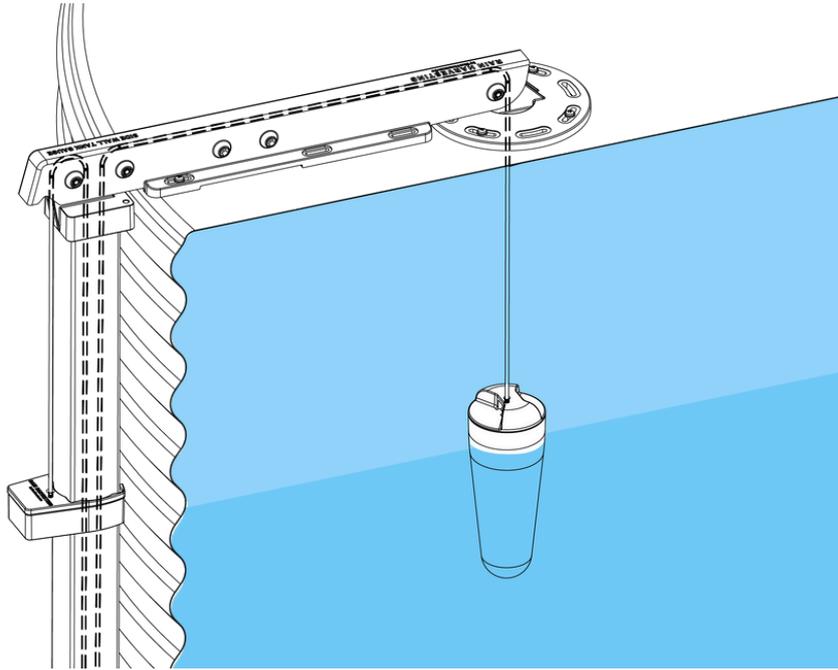
- 76mm / 3" Hole Saw
- Drill with Philips driver
- For concrete tanks - toggle screws to replace standard screws
- A guide post, the same length as the height of the tank. Either:
 - 50mmx50mm galvanised steel post
 - PVC pipe 50mm to 60mm diameter

HOW IT WORKS

Counterbalanced internal float rises and falls with the water level in the tank, moving in tandem with the external display to provide a true indication of water levels.

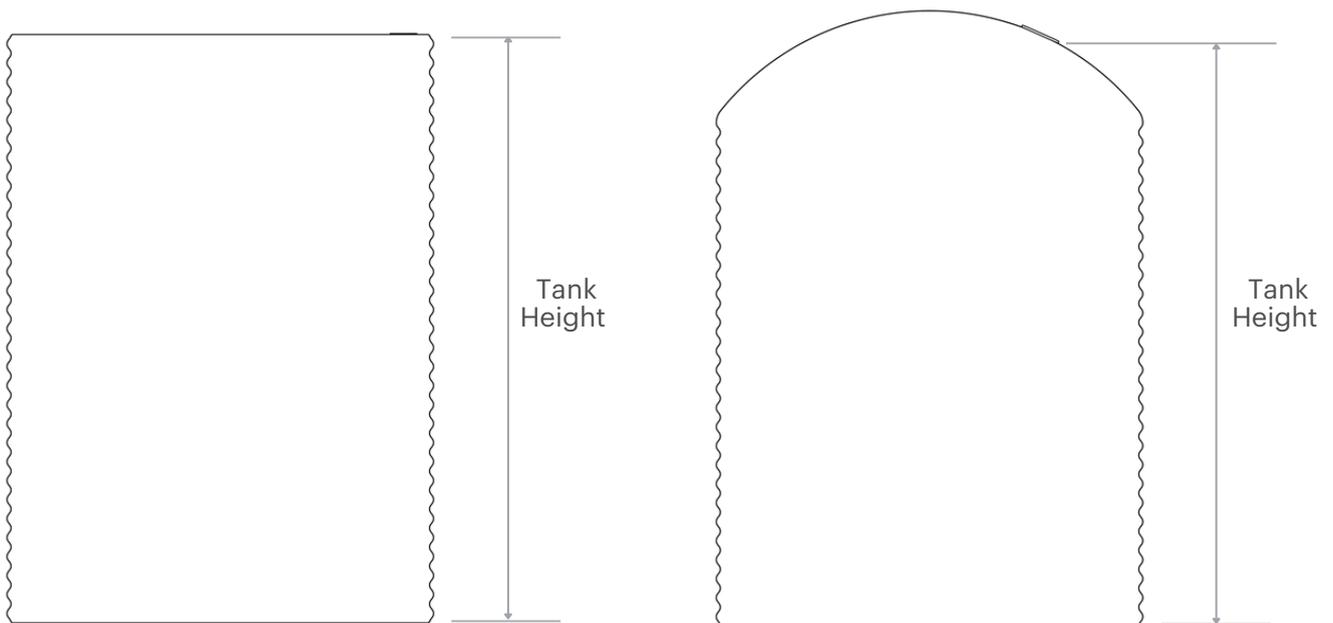


INSTALLATION



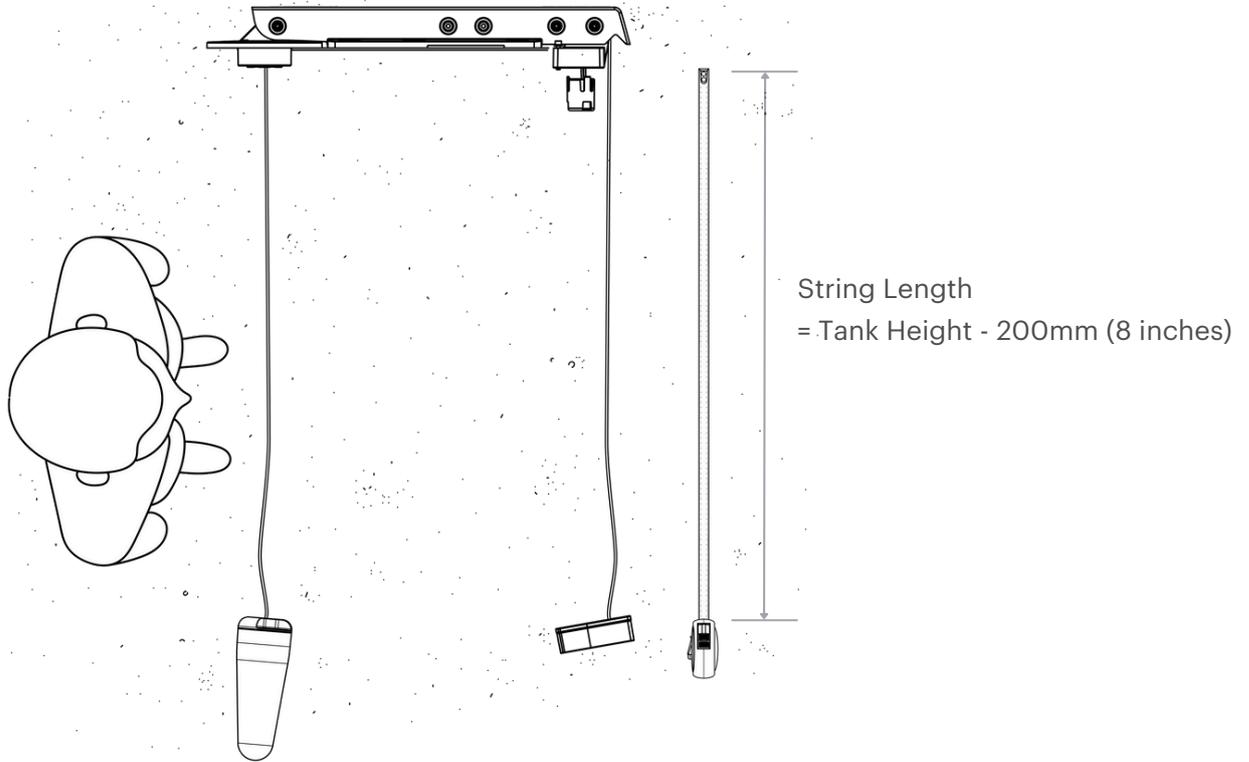
1 - Select a location which is not too close to the pump (to avoid the float pulling towards it). Since the float drops in through the hole you're about to cut - the position does not need to be next to the tank opening.

2 - Measure the height of your tank, at the point where you will install the gauge. For most metal and concrete tanks it is simply the height of the tank. For poly tanks with a domed or angled top, measure the height to the point where the hole will be drilled.



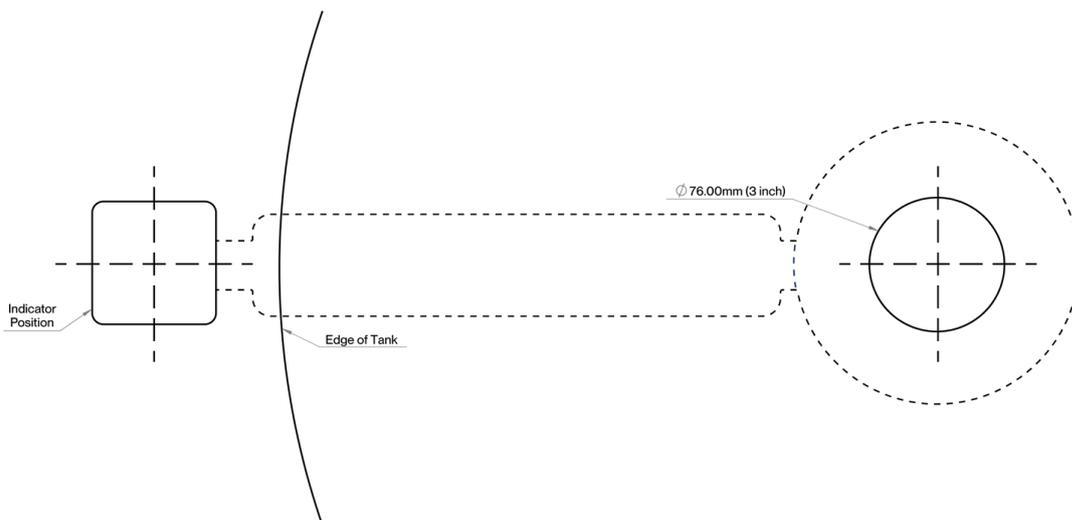
INSTALLATION

3 - Time to adjust the string length. Lay out tank gauge on the ground like shown. Untie the knot at the indicator and float. The counterweight should be against the main gauge body like shown. Pull the float and indicator to the correct length as shown.

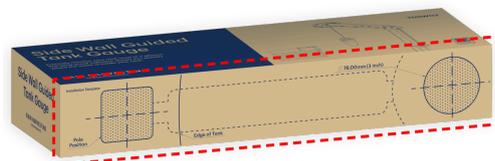


4 - Retie the white float and metal indicator to the string length. They will be equal in length.

5 - The box of the Side Wall Tank Gauge has a template on one side. Position it as shown, and then drill out the 76mm / 3 inch hole.



Side Wall Guided Tank Gauge Box



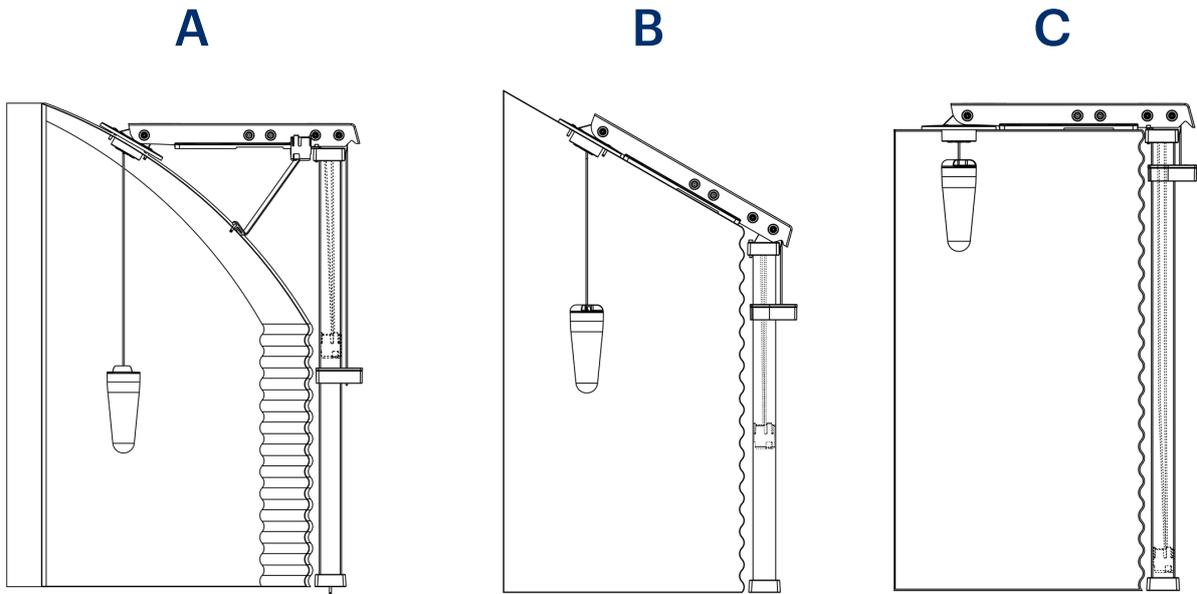
INSTALLATION

6 - Select how you would like to install the gauge on your tank

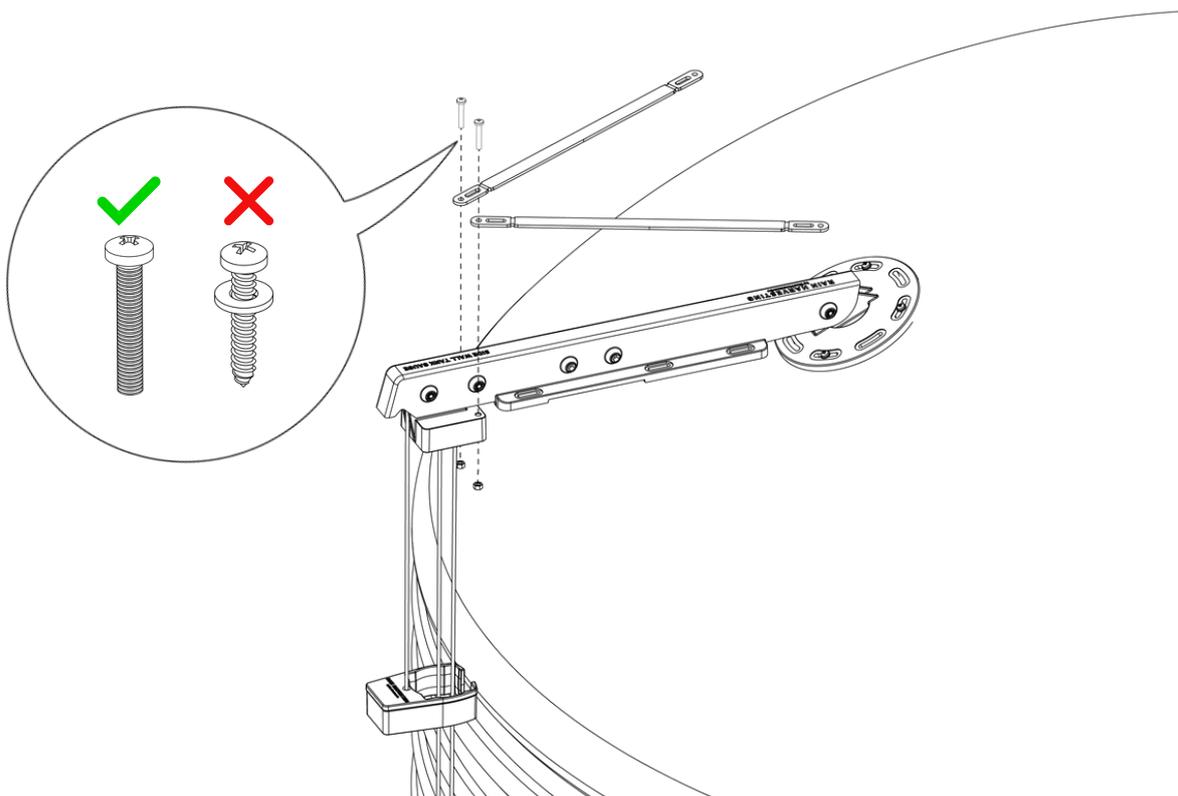
A - If the tank is domed, this is the best option for installing the gauge. This method is also suitable for angled straight tank tops (like shown in image B).

B - For angled tops where there is no dome in the top, you may install as shown in A or B.

C - The best option for flat tank tops.

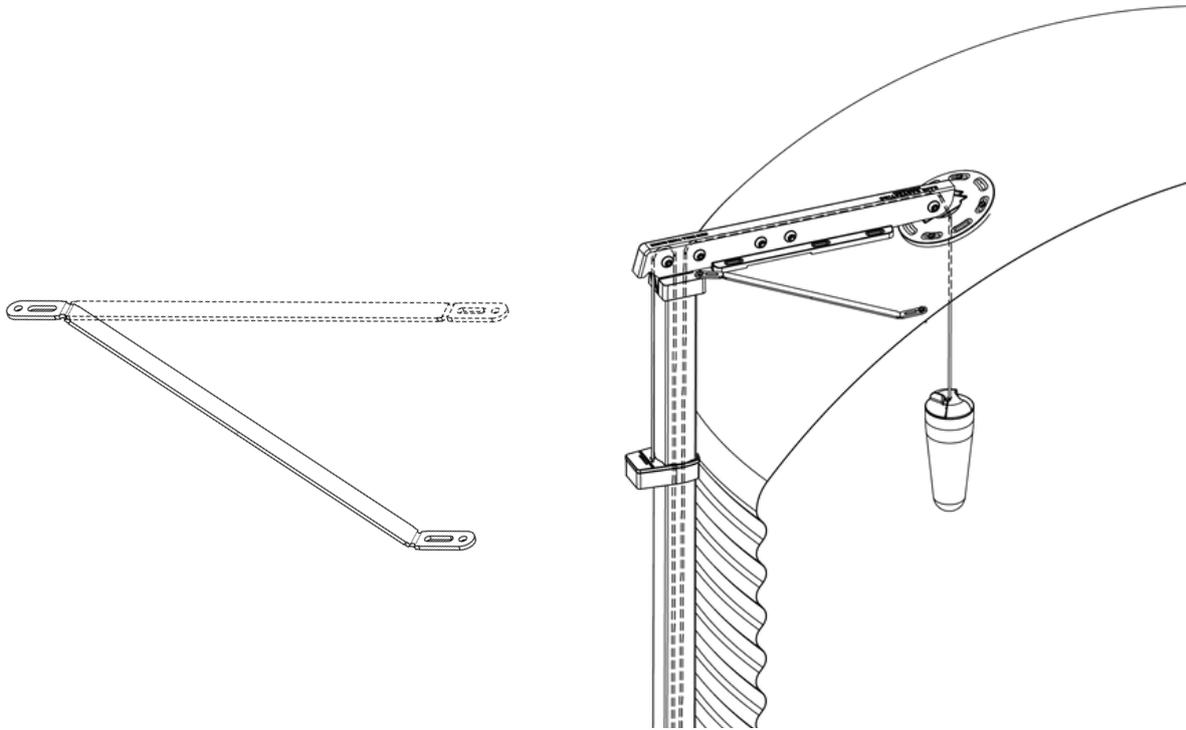


7 - If installing the gauge as shown in position A - firstly attach the two aluminium brackets.

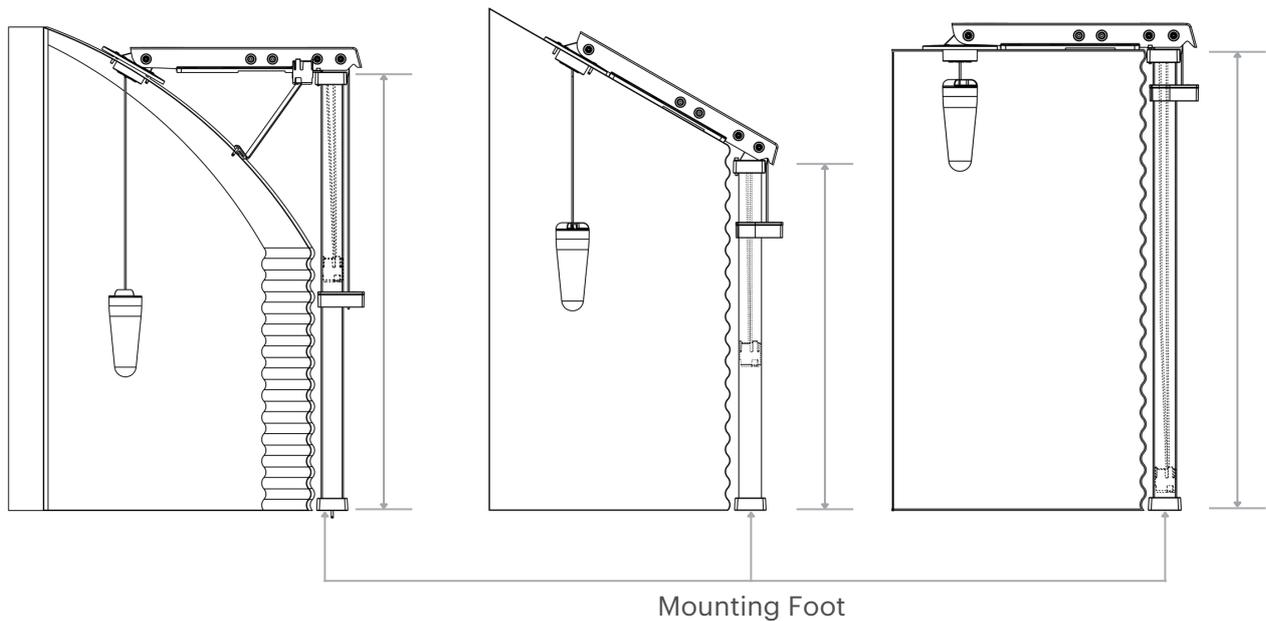


INSTALLATION

8 - Then, bend down the arms as shown, so that the bracket sits horizontally on the tank.

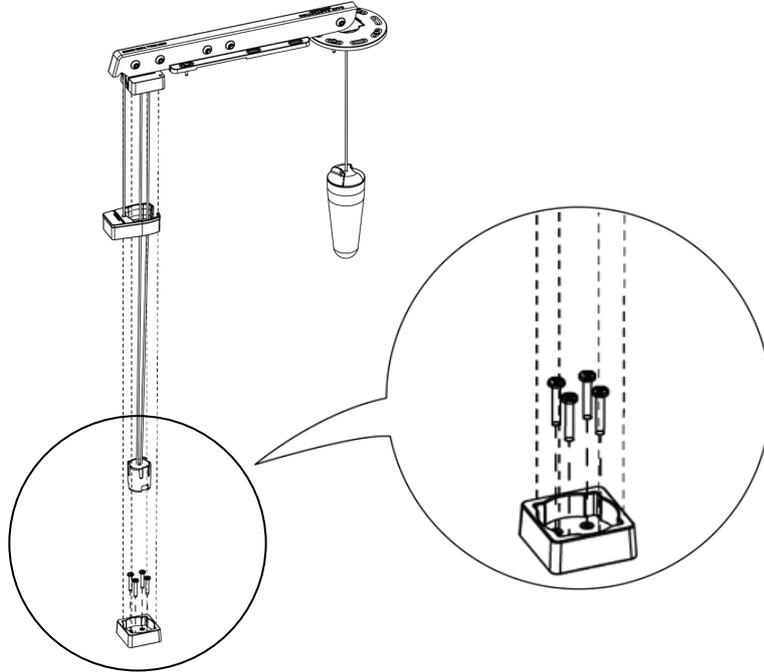


9 - Position the foot on the ground, and the tank gauge on the tank. Measure the distance between the fittings where the guide post will sit, and cut the guide post to suit.



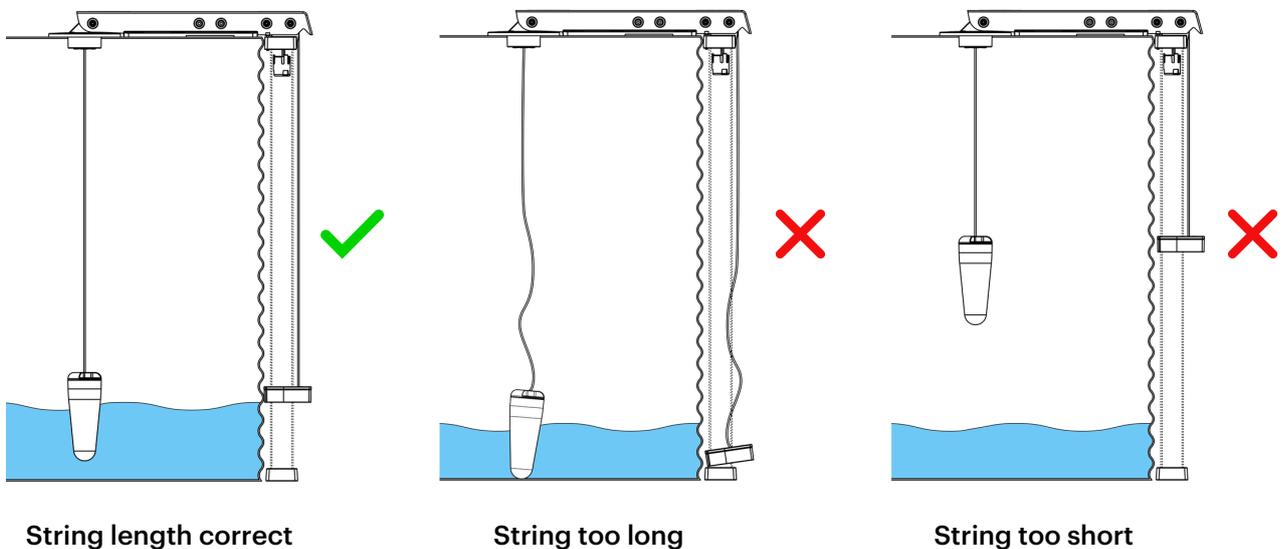
INSTALLATION

10 - Secure the foot to the ground, using the appropriate fasteners for the surface. Ensure the pole will sit vertically.



11 - Insert the pole into position. The pole will be held in position by the gauge and the mounting foot.

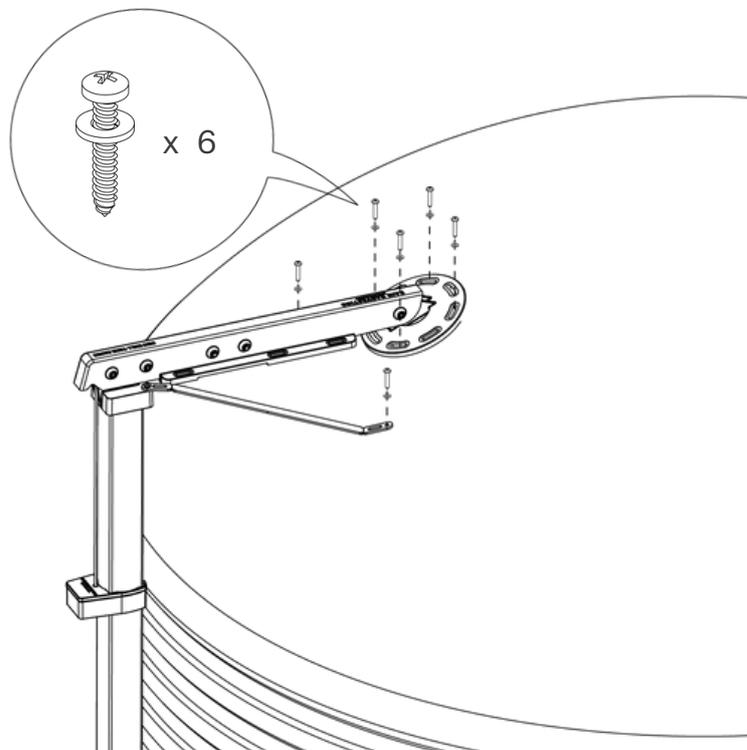
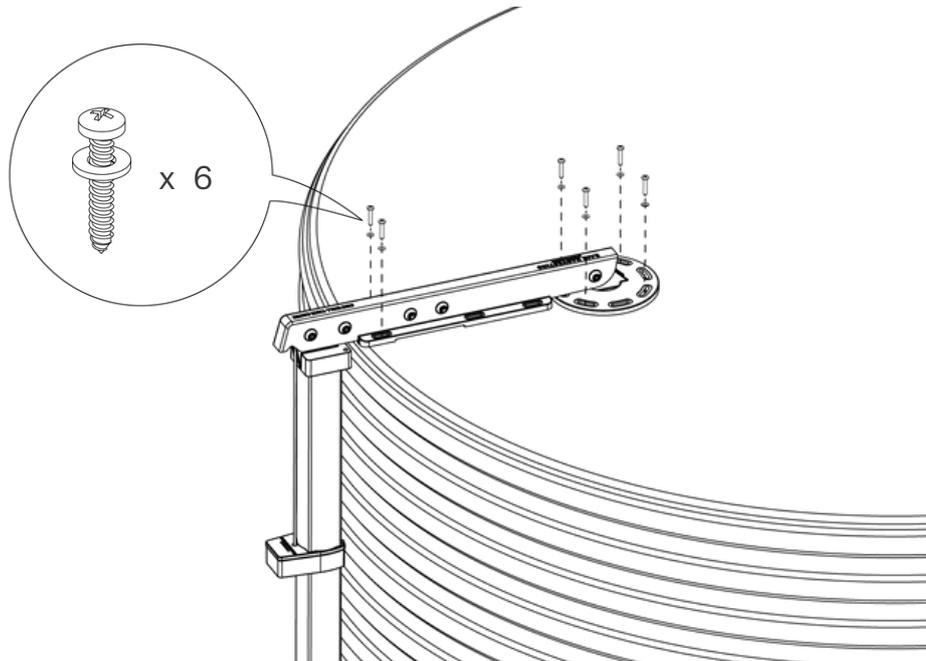
12 - Check the string length by pulling the indicator all the way down and up again. It should be able to travel up the full length of the pole, without any excess string.



INSTALLATION

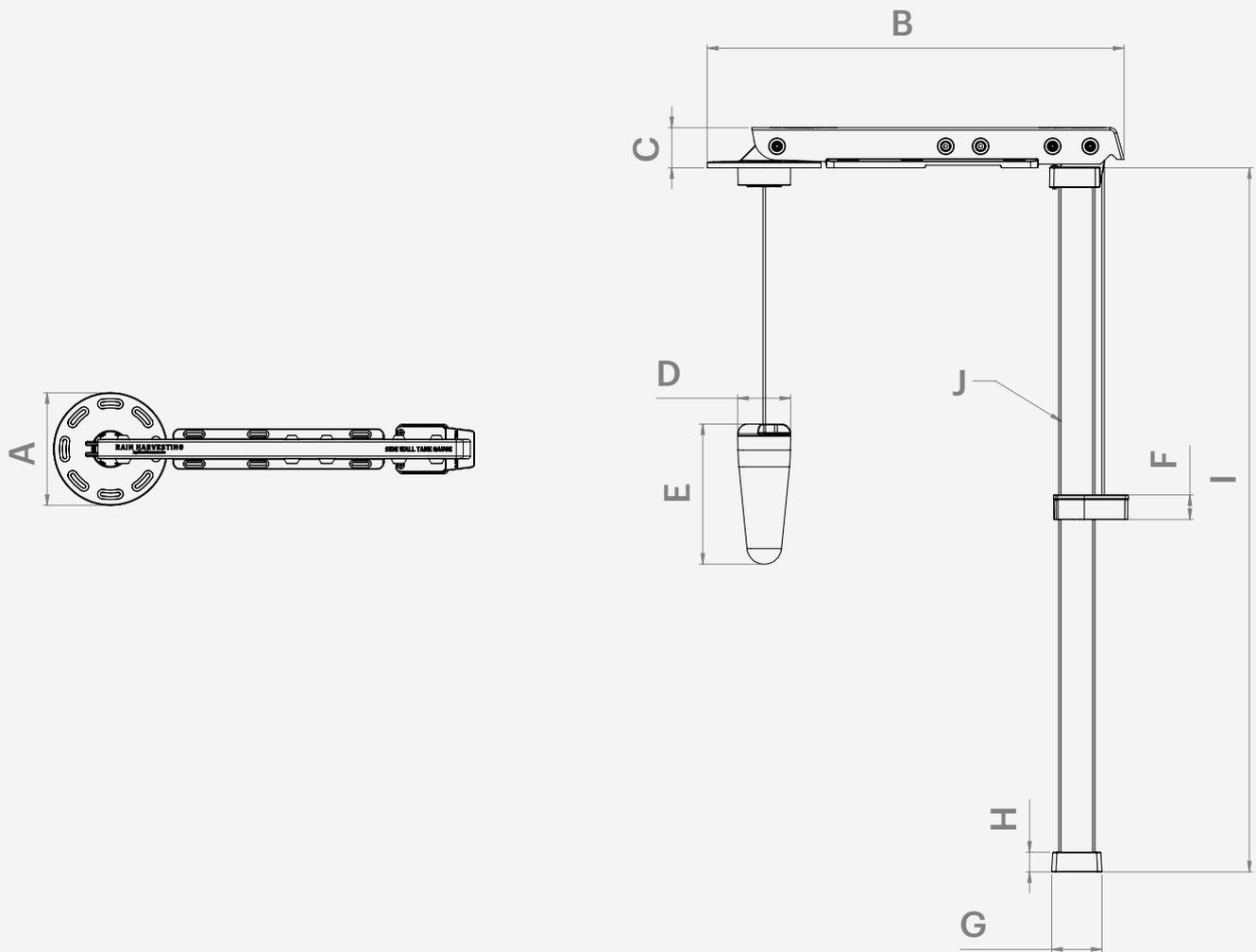
14 - Trim or tie off excess string.

15 - Fasten the gauge to the tank using the supplied screws and washers.



Product Specifications

Side Wall Guided Tank Gauge



Dimensions

COUNTRY	CODE	A	B	C	D	E	F	G	H	I	J
Global	TGSW02	Ø160	587	57	Ø75	199	35	71	28	Tank Height	50mm (2 inch) Square foot
											50mm-60mm (1.5" to 2") Round Pipe

All dimensions are in mm unless otherwise stated.

Maintenance

No maintenance is expected. If the indicator becomes stuck, simply give it a jiggle to release it. If you find there is a build up around the pulleys caused by pests, it can be brushed out from the underside by removing the gauge from the tank.



A common misconception about collecting rainwater is that all you need is a roof, a tank and some rain. This 'tanking' approach cannot always be relied on to deliver the volume – or quality – of water that you require. That is where we can help.

With some thought, your rain harvesting system can provide you with cleaner water and lots of it. Whether you're completely reliant on tank water or wanting to keep the garden green, our simple steps will help you achieve your goal.

The Rain Harvesting approach to rainwater collection involves using tested and proven products to make quality rainwater available for use in and around your property. You don't need much to get started and you will be surprised how easy it is to get the most out of your rainwater system.

[How can we help you?](#)

DISCLAIMER This product specification is not a complete guide to product usage. Further information is available from Rain Harvesting Pty Ltd and from the Installation and Operating Instructions. This specification sheet must be read in conjunction with the Installation and Operating Instructions and all applicable statutory requirement. Product specifications may change without notice. © Rain Harvesting Pty Ltd

RAIN HARVESTING

by Blue Mountain Co

For more information or to find out
how we can help, just give us a call on

+61 7 3248 9600

Or visit our website at

rainharvesting.com.au