



# TANKMAKERS

## INSTALLATION INSTRUCTIONS & WARRANTY



**PROUDLY AUSTRALIAN OWNED & MANUFACTURED**

Please read the installation instructions carefully.  
If you have any questions please do not hesitate to contact us.

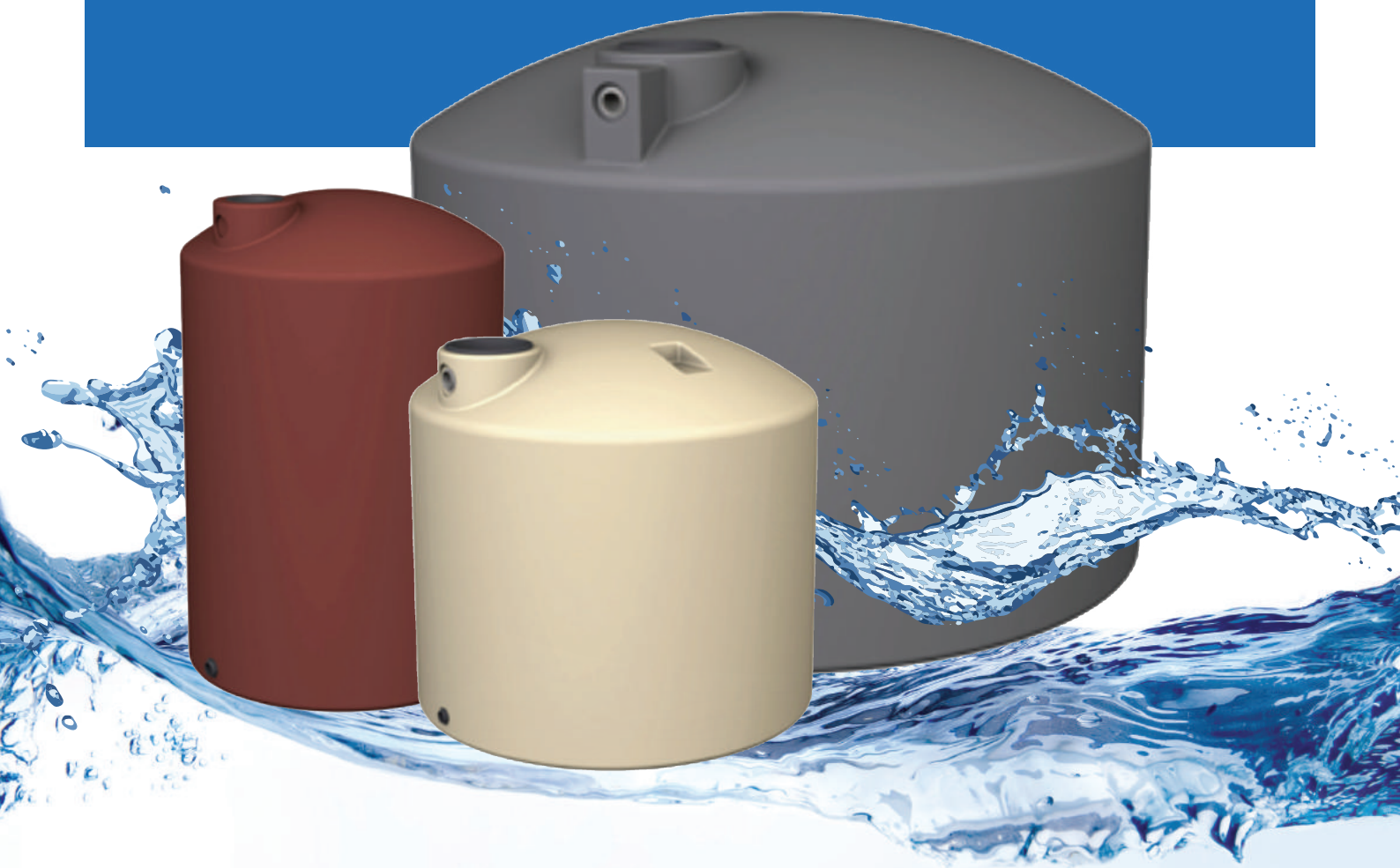
**FREECALL 1800 720 362**



**TANKMAKERS**

# CONGRATULATIONS

On your investment in a new Tankmakers water tank



# INSTALLATION INSTRUCTIONS

**IMPORTANT! CORRECT TANK INSTALLATION IS THE SOLE RESPONSIBILITY OF THE PURCHASER.**  
Incorrect installation will void your warranty.

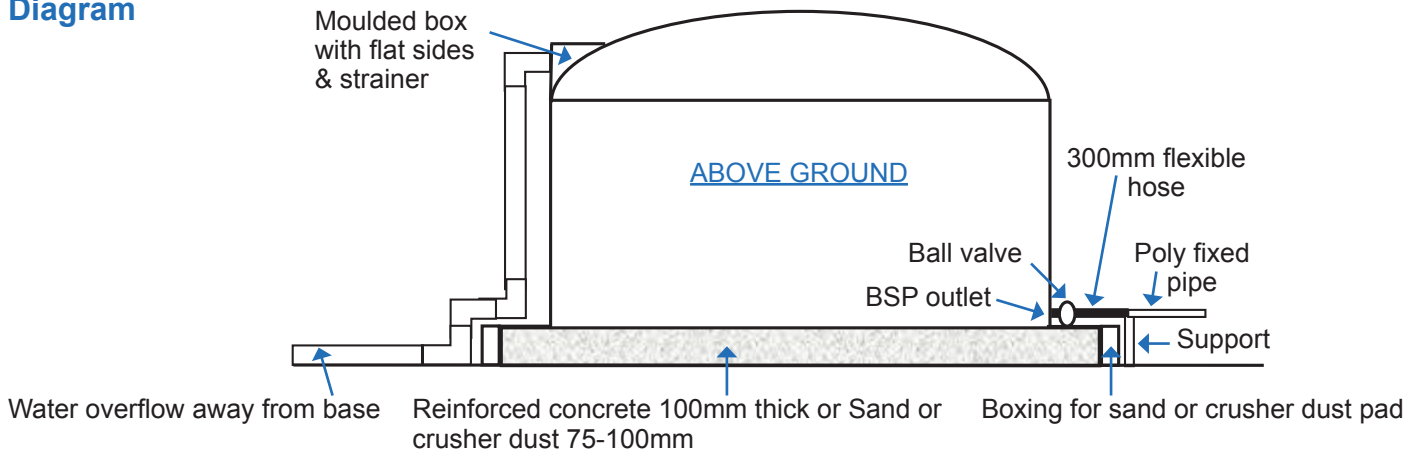
## Site Preparation

The site must be firm, level, stable ground and be at least 600mm wider than the diameter of the tank, so that no part of the tank is on the edge or hanging over the prepared pad. The tank base must be adequately and uniformly supported over its whole area (no soft spots).

## Above Ground:

The tank pad can be reinforced concrete 100mm thick, or a boxed-up bed of compacted crusher dust or bedding sand 75-100mm thick, free from any rocks or sharp objects. Ensure the crusher dust or sand is boxed-up and that the tank overflow is piped well clear of the tank to avoid any undermining of the tank base.

## Diagram



## In Ground:

Before commencing, check for any underground obstructions, ensure that excavation work does not infringe on the weight bearing capacity of any adjacent structures, and that the soil drains freely and does not hold water. If placing the tank on uneven ground, the soil on the top side is to be retained so that the tank is only being buried to a depth that is equal on both sides (this is so the tank has equal pressure on all sides).

Excavate the hole to a depth to allow for 50-75mm of bedding sand and a maximum depth of  $\frac{1}{4}$  of the tank wall height. Excavate the hole diameter to allow for a 150-200mm gap between the tank wall and the surrounding soil.

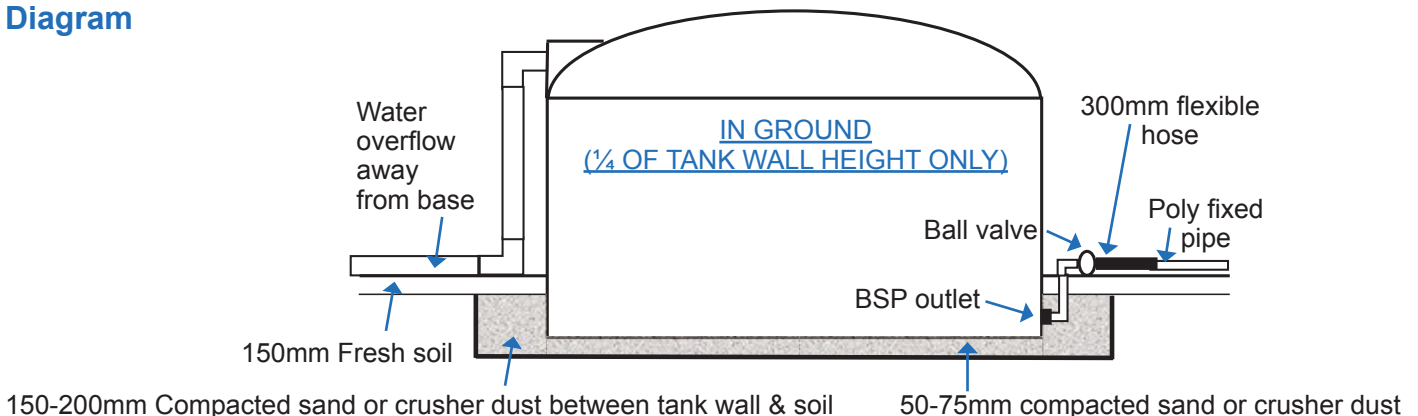
Spread the bedding sand to the specified depth and compact to form a firm level pad. Ensure there are no rocks or sharp objects in the sand that could penetrate the tank base.

Lower the tank into the hole squarely so as not to disrupt the pad.

Fit a riser on the tank BSP to raise the water outlet above ground level.

Prior to backfilling, the tank must be filled with water to a level just above ground height. Backfill with sand ([not the soil removed from excavation](#)) compacting as you go to ensure that all voids are filled until it comes to a level of 150mm from surface. Restore the remaining 150mm with fresh soil.

## Diagram



## Roll-Off Delivery

Roll-off delivery is if the tank site is not prepared and the tank will be installed at a later date. Check that the tank can be rolled off vehicle without damage, ensuring that the area the tank will land is free and clear from all sharp objects. When moving the tank into position, avoid rough surfaces so as not to damage the tank. (Due to WH&S drivers will not unload tanks, transport to installation site or leave tank onsite if insufficient assistance or unsafe access is not provided. The driver has the final decision to assess site suitability. TankMakers take no responsibility for tanks being damaged if site is unprepared). If delivery cannot be made to your site due to above reasons, TankMakers will organise another delivery date at customers expense.

## Securing Your Tank

It is the CUSTOMERS RESPONSIBILITY to secure the tank by tying it down or filling it with water to a depth of 25mm to prevent it blowing away.

## Plumbing

A BSP outlet is fitted to the base of the tank ready for you to screw in your fittings, a reducing bush / nipple can be fitted if required.

No extra penetrations are to be cut into the sidewalls of the tank without written consent from the manufacturer. No penetrations are to be cut into the base of the tank.

A specially moulded box with flat sides is conveniently located on the front of the inspection hatch at the top of the tank. All fittings: inlet, overflow, ball valve, water level indicator etc. should be installed here. Therefore, it is not necessary to walk on the dome of tank.

If connecting multiple tanks together or connecting a tank to a rigid structure, a flexible hose must be used or a 90-degree loop to allow for expansion or shrinkage.

The cap in the middle of the dome is used during the manufacturing process and must not be used for installation. Do not remove this cap. The lid is vented and offset for ease of inspection.

If you want to connect your tank to your home's internal plumbing (such as toilet or washing machine), the connection must be completed by a licensed plumber as per Plumbing Code (AS/NZS 3500)

Water Inlet: All water going into the tank should be directed through the strainer. Fixed inlets must be supported. If pumping water into tank through a fixed inlet, then a flexible hose should be fitted as described in water outlet instructions.

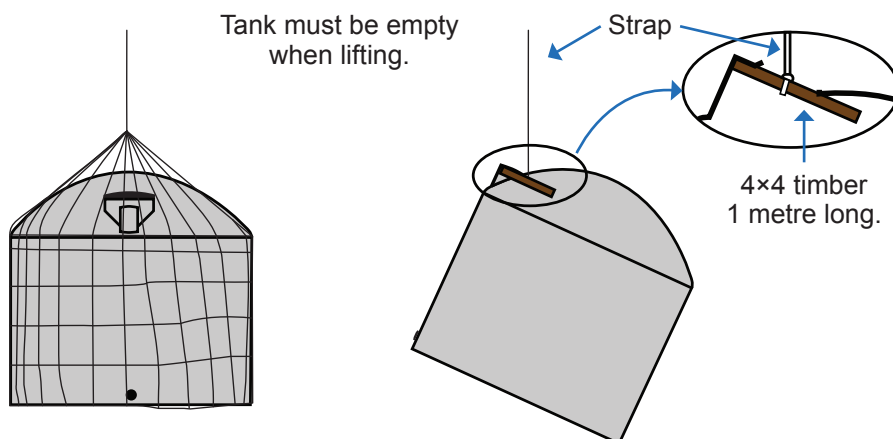
Water Outlet: Connection between the tank and pump must include a 300mm (12") flexible hose (not polyethylene pipe) to absorb vibration. The hose must be placed between the valve and all other plumbing or rigid pipe work.

Water Overflow: Overflow must be piped well clear of the tank to avoid undermining of the tank base.

**(IMPORTANT: Water capacity of overflow must match water capacity of inlet.)**

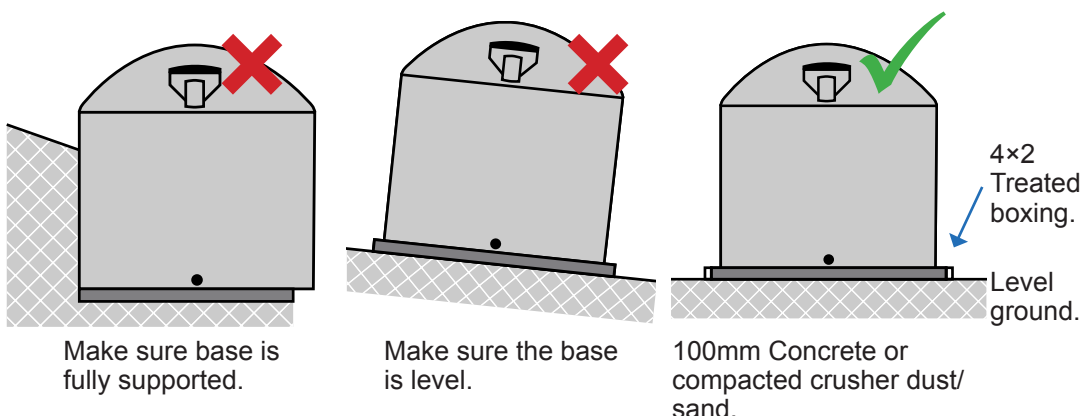
# INSTALLATION DIAGRAMS

## Lifting



## Site Preparation

Do not back fill on one side of tank. If ground is uneven the high side must be retained so that back fill is even on both sides of tank.



## Maintenance Of The Tank

Regular checking and maintenance is the Owner's responsibility and is a condition of your Warranty. Some examples to be considered include the following:

- Regular cleaning of the inlet strainer
- Consistent inspection of the base, so that it is not eroded or the tank undermined.
- Checking of pipe work to ensure there are no leaks.

## Quality Of Tank Contents

Your tank is made to AS4766 from virgin food grade linear low density polyethylene, complying with AS2070 and AS4020, but the first time it has a little water in it, a taste may be present. It is harmless, but to remedy this, flush out the inside of the tank using a hose and allow the water to drain out.

There is no reason why this tank should not always deliver quality drinking water, but this is reliant on your regular maintenance. Rotting leaves in gutters will quite quickly contaminate the water. There is nothing in the polyethylene that could cause any pollution.

## Safety Information

**WARNING:** If it is necessary to enter the tank, enter only in accordance with your State statutory Workplace Health & Safety Act & Regulations and the relevant Codes of Practice. You must complete a Risk Assessment before entering the tank to identify, assess and control the hazards. This is a confined space – only persons trained in AS 2865-1995 “Safe Working in a Confined Space” may enter. Ladders are to be firmly positioned inside and outside & an emergency response plan must be in place. DO NOT enter tank when the temperature is over 40°C. ALWAYS have an assistant present.

# WARRANTY

TANKMAKERS Pty. Ltd. (Manufacturer) warrants that this water tank will be free from manufacturing defects in workmanship and materials and perform the function for which it is designed, namely holding water at ambient temperatures (i.e. 23°C), for the applicable warranty period.

Should any fault occur within the warranty period as the result of a manufacturing defect, subject to the terms and conditions of this warranty the Manufacturer will, at its discretion:

- (a) repair the tank: [or](#)
- (b) replace the tank with a new tank.

In such case, there will be no charge for parts, labour or freight costs for the delivery to the address TANKMAKERS originally delivered the tank to: i.e. as shown on the original delivery paperwork. If the tank has been relocated to a site other than the original delivery address the purchaser must pay the freight cost for the replacement tank.

If applicable, the purchaser will be liable for the cost of removal of any permanent deck or other fixture supporting or surrounding the product. Under no circumstances shall the Manufacturer or any of its representatives be held liable for:

- (a) injury to any person or damage to any property;
- (b) the costs of or replacement of water stored in the product; or
- (c) the cost of installation or reinstallation of products,

however, arising in respect of the products or their use.

You may have rights under the Trade Practices Act 1974 (Cwlth) or equivalent Australian State or Territory legislation. This warranty is independent of, and does not exclude or limit, any non-excludable statutory warranties implied by this legislation.

## 1. Warranty Period

This Manufacturer's warranty is valid for Ten Years. The warranty period commences on the date of purchase. Repairs and replacement made under this warranty do not alter this warranty period.

## 2. Conditions of Warranty

This Warranty applies to Manufactured products which:

- (a) have been purchased from an authorised Manufacturers dealer in Australia.
- (b) have been properly installed by an authorised Manufacturers service agent or qualified tradesperson in Australia; and
- (c) have not been purchased for re-sale.

The Manufacturer reserves the right to inspect and test the product for the purpose of determining the extent of any defect and the validity of any claim made under this warranty. All defective parts replaced by the Manufacturer under this warranty will be deemed to be the property of the Manufacturer.

[Continued "3. Warranty Limitations And Exclusions" on page 5](#)

### 3. Warranty Limitations And Exclusions

The Manufacturer's warranty will not apply if the water tank:

- (a) has been used to store goods other than water at ambient temperatures without first obtaining approval of the Manufacturer;
- (b) has been damaged through misuse, neglect, accident of ordinary wear and tear;
- (c) has been used commercially;
- (d) has not been used or installed in accordance with any specified instructions for use or installation either in accordance with the Manufacturer's instructions;
- (e) has been damaged through freight, transportation or handling in transit;
- (f) other forces outside the Manufacturers control;
- (g) has been repaired, modified whatsoever or tampered with by the purchaser or any person other than an authorised Manufacturers service agent;
- (h) contains or otherwise uses parts or accessories which have not been supplied by or specifically approved by the Manufacturer; or
- (i) damage caused by an act of God; including floods, bushfires, earthquakes, landslides, ozone depletion, other disasters, or vermin (or the effects thereof).

This warranty terminates upon the transfer of ownership of the product prior to the expiration of the warranty period. For the avoidance of doubt, only the original purchaser is entitled to the benefits of the warranty.

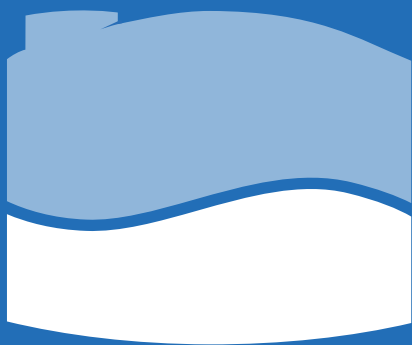
### 4. Customer Service And Claims

To obtain service, contact the authorised dealer in your local area. In the event the purchaser is unable to obtain service or satisfactory service from an authorised dealer, they should contact the Manufacturer direct.

To obtain your remedy under this warranty:

- (a) you must contact the Manufacturer within 10 days of discovering the defect:
  - (1) by either email: [info@tankmakers.com.au](mailto:info@tankmakers.com.au) or phone: **1800 720 362**
  - (2) in writing addressed to [TANKMAKERS Pty Ltd, PO Box 3149, West Ipswich Qld 4305.](#)
  - (3) or through your dealer
- (b) provide a copy of your dated purchase receipt, your address and telephone number, and any other information the Manufacturer requests as part of the claims authorization process.

The purchaser will assume all risk of loss and/or damage to the product until it arrives at the address the purchaser specifies. The Manufacturer may require payment of freight costs before providing a replacement tank to you.



# TANKMAKERS

**INSTALLATION INSTRUCTIONS  
WARRANTY**

