

Big Water Tank - 300 - 10000l Installation Guide and Warranty

Delivery:

Delivery of your Big Water Tank is to the entrance of your property. However, our driver has the discretion to deliver onto your site, provided that you have cleared a large access way.

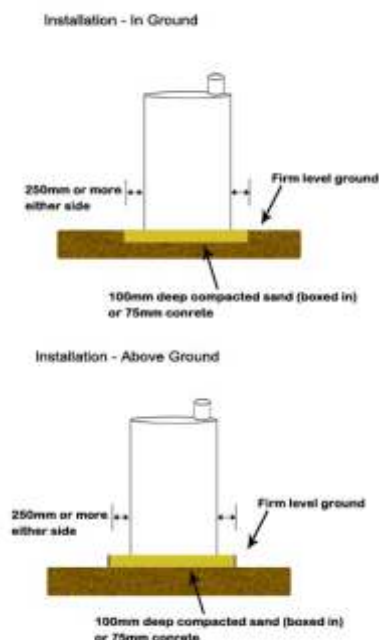
An able-bodied person must be available on-site to assist with tipping the tank off the trailer.

Site Preparation:

Remember that Big Water Tanks are for **ambient temperature, potable water storage only**. Site preparation is the **responsibility of the purchaser**. Contact BWT should you have any questions.

- Select an area which is FIRM, LEVEL, STABLE and free draining.
- Ensure that the site area is free from any sharp objects such as stones and roots
- Do not place the tank on beams or a wooden pallet with interval spaces.
- If the location is on a sloping section ensure that the mounting site, surrounding the area is level and will remain free from any erosion in the future.
- When lifting the tank use all lifting lugs and never lift the tank with water in it. A 7500 Litre tank weighs 175kg when empty and 7800kg +/- when full.
- A compacted sand bedding area of at least 100mm deep is required which is retained so that the sand cannot wash away.
- There should be a minimum sand base of at least 250mm more on either side of the tank refer to Figure 1.
- The tank can be placed on a smooth concrete surface however the pad must be constructed to handle the weight of the tank when full. Failure to do so will result in the concrete cracking which will provide an uneven surface and unnecessarily stress the tank.
- Take care with the preparation of the site area and when handling the tank. Once in place inspect around the bottom of the tank to ensure that there is no gaps between the surface and tank.

Figure 1:



Installation

- When installing the tank ensure that all pipe work from the tank is supported. It is important not to allow the weight of the pipe work to rest on the wall of the tank without being fully supported.
- A flexible hose must be installed between the out let fitting and pipe. This provides less stress on the tank fittings by allowing for pump vibration, surging and expansion and contraction of the tank.
- Water pumps must not be directly installed to the side of the tank.
- Air and water must be able to escape at the same rate as the water is being pumped in or out to avoid a possible internal pressure or vacuum.
- Pipe the overflow away from the foundation to prevent erosion
- A 1/2 - 2" Hansen tank fitting is installed in the bottom of the tank. We recommend that thread tape be used on all fittings to avoid leaks which could lead to possible erosion and under mining of the tank foundation. Do not over tighten fittings when installing in to the tank.
- The tank may be buried up to 500mm. Only use clean back fill when filling against the tank and Do Not Bury over 500mm from the bottom of the Tank.
- **Please Note: Tanks smaller than 1000L may NOT be buried**

5-Year Warranty:

Big Water Tanks Ltd (BWT) warrants to the original purchaser that the tank will be free from material defects arising from the manufacturing process for a period of 5 years from the date of purchase and BWT may, at its sole discretion replace or repair a defective tank during that period subject to the following conditions.

The warranty is void if it is not registered or if the tank: is not installed correctly; is not used for ambient temperature, potable water storage only; base support degrades or washes out; is moved or handled incorrectly e.g. with any water in it; degrades due to bad weather, earth movement, trees, roots, fire or vermin; or if the original purchase receipt is not kept.

The following are excluded from the warranty: inlet and outlet fittings; colour changes over time; removable lids; reasonable weathering; consequential losses or damages including but not limited to any damage to buildings, production, or the like; and any damage to the dome of the tank.

Any defect must be reported to BWT within 5 days of occurrence with photographs showing the defect.

The warranty must be registered by the submission of photographs to BWT within 90 days of installation or any subsequent installation, clearly showing that the tank has been installed correctly in accordance with the instructions below. Include detail of all pipe-work, vents, base material, flexible outlet hose, backfilling, drainage, etc. Photographs must be submitted on the warranty page of the BWT website <https://www.bigwatertanks.co.nz/>, or by email.

BWT
BIG WATER TANKS

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