



# PRE-DELIVERY CHECKLIST



## Delivery:

Please note that the Aqua Tank delivery truck and trailer is LARGE (22m long, 3.1m wide and requires a height clearance of at least 5 metres).

Where practical, our driver may attempt to off-load your tank as close to the prepared site as possible, however this will be at the customer's risk. If delivery cannot be made to your site via truck and trailer – a crane or other equipment hire is at the customer's expense.

If possible, please have someone available onsite to help our drivers off-load your tank.

Our drivers will aim to contact our customer 1-2 hours before delivery to confirm details. They will advise an approximate delivery time. If our driver is unsuccessful in contacting our customer the driver will off-load the tank in a convenient location on site. It will be the responsibility of the customer to then relocate the tank to the required location.

If you have additional delivery information, please contact the Aqua Tank Team on 0800 370 007.

## Delivery Times:

Please note that all tanks are dispatched from our East Tamaki, Auckland manufacturing plant. Estimated delivery times may be given, however please consider conditions that may delay these times EG: Weather, Accidents and other deliveries prior to your location.

## Site Access:

We require suitable access to a flat area to unload the tank off our vehicle. If this requirement is not met then it is your responsibility to arrange suitable lifting equipment to be on site. We will require a turning circle of at least 24 metres or clear access for reversing. Contact us for options.

Prior to delivery check gates, roads, roundabouts, crossings, bridges and overhanging trees on and near your property and advise us in advance of any access problems, including good ground clearance for trailers.

Please note a minimum width clearance of 3.1m is required.

You are responsible for providing safe access by ensuring that the area to unload the tank is level and clear of any people, pets, building materials, vehicles, or debris or sharp objects that risk damage to the tank or others.

## Organise Assistance:

Our driver may need you to assist in unloading the tank therefore you are required to make sure someone is on site at time of delivery. In the case of larger tanks several able-bodied people may need to be on hand. If this assistance cannot be provided then the availability and operating of lifting equipment is your responsibility.

## Secure Your Tank:

When your tank is unloaded it must be secured either by filling with water about 100mm deep or with ropes or straps to stop the tank rolling or blowing away. – this is your responsibility. Any damage resulting from failure to secure is not covered by warranty.

## Location:

Locating your tank in a shady area will help keep the water cool and extend the life of your tank. In deciding where to best place your tank be mindful of proximity to buildings and other structures. All tanks placed in open areas where livestock have access must be fenced (refer to full installation instructions provided with your tank).

## Preparing your tank site:

If you are preparing your tank site base prior to your tank being delivered, or before you receive the full installation instructions, please note the following:

All Urban Aquatanks must sit on a flat, level bed of concrete, compacted sand, or Gap 7 of at least 100mm deep. This bed must be contained with either timber or concrete nib wall and must extend a minimum of 100mm greater than the footprint of the tank. All sharp objects, obstructions and tree roots must be removed before placing bedding, checking again before placing the tank on this base.

Tanks to be placed on a smooth pad constructed such that it will support the tank weight (full of water) without the possibility of cracking or sheering ultimately causing damage or failure of the tank. This occurrence will not be covered by warranty.

In considering your plumbing requirements please be aware all tanks must have overflow pipes fitted that are at least 25mm larger in diameter than any inlet pipe size. These must be piped a minimum distance of 300mm away from the contained base area with clear free drainage to ensure the base material cannot be eroded. Failure to comply with this requirement will void your warranty.

If you are wanting to partly bury your tank, please check with us first.

Full installation and plumbing requirements are covered in the Installation Instructions supplied with your tank, or you can view on our website [www.aquatanks.co.nz](http://www.aquatanks.co.nz).

Before carrying out your tank installation please read the instructions and ensure all requirements will be met. Failure to comply will compromise any warranty offered with your water tank.

## Your Safety:

When trying to move your tank never work alone. Never enter the tank alone.

*Please Note: if our driver is unable to successfully deliver your tank because these requirements have not been met a restocking fee and an additional fee to cover the second delivery may apply.*

**If you have any further questions before we deliver your tank or have problems complying with these requirements, please contact us immediately – Phone 0800 370 007**



# INSTALLATION INSTRUCTIONS

## Urban Aquatanks

**It is important you read and understand this information before installing your tank.**

### **Immediate Securing of Tank:**

The purchaser has responsibility to ensure that the tank is secured immediately following delivery. This can be done by tying the tank(s) down with rope or by standing the tank(s) upright and partly filling with water to provide stability. Aqua Tanks does not take any responsibility for the preparation of the tank site or the installation of its products. It is the sole responsibility of the purchaser to ensure that the site has been prepared in accordance with the following instructions and maintained on an ongoing basis.

### **Base Preparation:**

Urban Aquatanks when filled weigh approximately between one - three tonnes dependent on the model, therefore the base for the tank must be level and structurally sound. To allow for expansion of the tank when filled, tanks must be installed with clearance between the tank wall and any other structure, such as buildings and fences. The minimum clearance being 15mm. All sites must be of "good ground" as per NZS3604:2011, followed by 20mm sand binding. The base must be a minimum 25MPa concrete slab of 100mm thickness, reinforced with SE62 mesh to support the weight of the tank when full. This slab must extend 100mm wider and longer than the tank or tank(s) footprint. However, it is not a design requirement the tank is centred in the concrete pad. Surface finish of the concrete slab must be smooth and level, the site must be free from rocks/stones or foreign objects that may damage the base of the tank. An alternative base of 100mm retained compacted sand or Gap 7 can also be used. *Please note: If using a sand or Gap 7 base, these do not comply with Urban Aquatank wind and seismic restraining requirements.*

### **Plumbing Information:**

Urban Aquatanks are designed with provisions for inlets and overflows moulded into the flat areas at the top and bottom at the ends of tank(s). All tanks must be fitted with an overflow. Inlet and overflow holes must be cut using a hole saw. The overflow must be at least the same size as the inlet and must be located so that the overtop of the overflow hole is lower than the overtop of the inlet. No inlet or overflow holes are to be cut into the walls of the tank. All inlet and overflow pipes must be well supported and not dependent on the tank for stability. The tank overflow must be run at least 300mm away from the tank base, preferably back into the down pipe or storm water drain, so as to avoid undermining the base.

### **Other Installation Considerations:**

Rainheads are recommended to prevent leaves, twigs etc from entering the tank.

If a pump is fitted to the installation type for your system, an inline filter must be installed between the tank and the pump to protect appliances connected to pump delivery. A flexible coupling must be installed between the tank and pump pipe work to avoid stress on the tank wall.

Any pipe work connected to the tank, to preserve water quality, should not allow any light into the tank as light promotes algae growth.

### **Standards & Warranty:**

There are two methods of installing your Urban Aquatank. These are designed for Most Locations Within New Zealand and rated to: Very High Windspeed as per NZS3604:2011 & Seismic  $Z < 0.45$  as per NZS1170.5:2004. PS1 available upon request. Both methods, when installation and maintenance instructions are complied with, meet requirements and maintain the Aqua Tanks 10-year pro-rata transferable warranty.

## Installation Options

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Urban Aquatanks when filled weigh approximately one – three tonnes dependent on the model (1000L, 2000L, or 3000L) and have a width dimension less than the tanks height and length. Therefore, consideration is required when selecting method of installation regarding the tank being secured to provide stability from human efforts, very high winds, or a seismic event.

Aqua Tanks offers two installation methods: Wall Mounted or Free Standing, both of which can be achieved with Aqua Tanks install kits (available from Aqua Tanks dealers or direct from Aqua Tanks) and installing per below listed instructions.

Failure to install Urban Aquatanks in accordance with the following methods and instructions will void your warranty.

### Wall Mounted Installation

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Wall mounted installation is recommended for a quick, safe install option for new build homes, garages or structures, and for retrofitting tanks to existing structures or properties. To meet wind and seismic restraining requirements, the tank(s) must be installed on the previously described concrete pad and fixed into concrete or timber walls.

**Please Note:** Installation on sand or Gap 7 bases, and/or fixing to materials other than concrete and timber structures, will not meet the designed wind or seismic restraining requirements. Should this be required where concrete or timber structures are not available, the Free Standing installation method is recommended.

#### **To wall mount and install Urban Aquatanks use the following steps:**

1. Prepare base for the tank in accordance with requirements previously stated.
2. Locate tank on to base, allowing 15mm gap between wall and tank.  
*Disclaimer: Tanks weigh between 100kg - 200kg (empty), caution is encouraged if manoeuvring manually*
3. Fit brackets to tank in order: Bracket, flat washer, spring washer, bolt.
4. Restrain tank to the wall. Ensuring correct fixings are used for respective structure material:
  - a. *Concrete: Dyna Bolt*
  - b. *Timber: Coach Screw*in the order of: bracket, washer, bolt/screw
5. Fit inlets & outlets. Use a 41mm hole saw for the 25mm fitting supplied

## Free Standing Installation

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Free standing installation is recommended for higher risk zones of wind and seismic activity, maintaining exterior walls, fence line installs and architecturally designed dwellings factoring in rainwater systems. This design is straightforward, simple, and reliable. Deviation from the following outlined specifications/instructions will result in the voiding of your warranty.

### **To free stand install Urban Aquatanks use the following steps:**

1. Prepare concrete pad base for the tank in accordance with requirements previously stated.
2. Lay tank on its side, line up and measure where bolt holes are to be drilled in posts (requires a 12mm drill bit) and measure distance between posts for foundation holes.  
***Disclaimer: Tanks weigh between 100kg - 200kg (empty), caution is encouraged if manoeuvring manually***
3. Dig/use hole borer for post holes.  
Ensure correct hole depth is complied with for respective model:
  - a. 1000L: 300mm wide x 900mm deep holes.
  - b. 2000L: 300mm wide x 900mm deep holes.
  - c. 3000L: 300mm wide x 1100mm deep holes.
4. Manoeuvre tank between foundation holes, and place posts in holes alongside tank.
5. Fix posts to tank inserts, in order: post, flat washer, spring washer then bolt.
6. Concrete in. Brace tank vertically and use a level to ensure straight position is achieved to avoid compromising the structure while concrete sets.
7. Fit inlets & outlets. Use a 41mm hole saw for the 25mm fitting supplied.

## Manufacturing Standards

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Aqua Tanks storage products are manufactured to conform to the requirements of AS/NZ4766: 2006 Polyethylene storage tanks for water and chemicals. Materials and fittings selected are tested and pass the relevant water and food contact requirements for New Zealand and Australia. In addition, the polymer and colorants used are Heavy Metal free.

Made in New Zealand by Galloway International Limited. Website [www.aquatanks.co.nz](http://www.aquatanks.co.nz).

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Warranty for Rainwater Tanks Subject to the warranty conditions below. Galloway International Limited Unlimited (“the Manufacturer”) provides its customers (“the purchaser”) with the following warranty: For a period not exceeding 10 years from the purchase date, the Manufacturer will, at its option, repair or replace any defect in the purchaser’s rainwater tank, provided that:

- a) The defect has arisen solely from faulty material or workmanship;
- b) The tank has not been subjected to maltreatment or interference;
- c) The fault has not arisen as the result of inattention or installation by the purchaser;
- d) Installation instructions have been strictly complied with;
- e) The tank is used solely for the purpose of fixed water storage;
- f) The tank has not been moved from its original installation;
- g) The tank has been free from chemicals sprayed onto the outer surfaces;
- h) Water within the tank has not been chemically treated to levels unsafe for human consumption.

All implied warranties and conditions other than those provided in the warranty are expressly excluded except where they cannot be excluded by law. Where such terms cannot be excluded, then to the extent that the law allows, the Manufacturer’s liability shall be limited to the remedies available under such legislation, and the Manufacture will not be liable for any special damage, loss of profits, or other indirect or consequential loss or damage suffered by the purchaser. The Purchaser acknowledges that the Manufacturer has the right to modify and improve the design of the purchaser’s tank should it consider necessary: and it has read and understood the contents of the warranty.

**NOTICE:** All purchasers must, on receipt of the tank, read and follow the installation requirements supplied with the tank. If your tank was supplied without installation requirements, please contact us for a copy. **Failure to comply with the installation requirements will void your warranty.**