



WHEN YOUR WATER TANK DELIVERY IS COMPLETED

Water tanks 3700; 5200; 6200; 8600; 10,200; 14,000; 18,000; 23,000; 32,000 litres

Please be aware these units must be placed to a prepared site within 7 days of delivery, as placement on an unprepared area for long periods may cause structural stressing.

All Units

- DO NOT place soil, building supplies etc on standard lids.
- STANDARD LIDS NOT SUITABLE FOR SOIL OR VEHICLES. (Pedestrian use only)- Ask about trafficable lids (2 Tonne point load capacity)
- Direct all storm water away.
- Impact by excavators can damage units.
- If craning ensure correct lifting techniques & equipment are used. Cranes should operate smoothly. Unit should not jerk or swing. Impact by cranes can damage units.
- Ensure access is safe – never leave access open.
- If using a concrete access cover, place gently. Do not force cover into access opening. Access covers should only be removed for initial plumbing and routine cleaning.
- Aluminum lockable access cover is advisable if regular removal of the access cover is required, or if children have access to the top of the unit. Extra cost \$220.

In ground units and retaining units

- BACKFILL IMMEDIATELY. (To natural ground level.) Do not compact.
- Backfill uniformly. (Do not backfill one side then the other).
- No rocks larger than footballs to be used as backfill.
- If retaining, 500mm to 1m of soil should be placed on the downhill/open side. Retaining differential to be no more than 1.2m over width of the tank.
- Under engineered slab, should have temporary internal support under lid whilst slab is being poured.
- Seal around access and lid of unit if watertight seal is required.
- IN GROUND UNITS MAY FLOAT. To help prevent flotation place water to approx 50% of the total capacity to the unit immediately.
- DO NOT FILL COMPLETELY. (Fill gradually over several weeks.)
- 32,000 litre units have an internal seal which must remain dry for 24 hours. The 32,000lt units MUST be at least 3 metres in ground.

Above ground unit

- Units placed above ground should have approximately 200mm of soil placed around base. This prevents erosion and bedding sand from washing out. Upon delivery place water to approx 50% of the total capacity to the unit immediately, (DO NOT FILL COMPLETELY) Fill gradually over several weeks.
- **32,000litre units not suitable for above ground MUST be at least 3 metres in ground.**

Small capacity units

- Special lifting equipment is required. Do not chain through lift fittings.

WHEN YOUR WATER TANK IS IN USE

After the initial fill, your tank may experience some settling. Sweating and small stress marks may appear on the outside walls, as may a white, lime deposit. Do not remove lime deposits, as this is a natural part of the curing and strengthening process. These marks may last from three to twelve months after initial filling.

- Above ground tanks should not be painted dark colours as this may cause stressing and fracturing due to increased heat. We recommend Colourbond "Wheat" (a light tan), Colourbond "Mist Green" 1/2 tint only (a light green) or basic white. These colours will maintain your tanks structural integrity as well as maintaining cool and healthy water temperatures.
- Even the heaviest rainfall may result in little stored water if your gutters and/or tank strainer are choked with leaf litter, or if plumbing or fittings are faulty.

At certain times of the year, pollen, flowers, fruit or leaves may cause discoloration or taste to your water. Remember, your water is only as clean as your roof.



WATER STORAGE UNIT STANDARD LID USES INFORMATION RURAL, RESIDENTIAL OR COMMERCIAL

Precast concrete water storage units may be placed in the ground, partly buried, in a part retaining situation, or above ground. To place these units in the ground you have several choices.

- a. In the ground in a garden area – build the garden around the lid and mulch over the lid with bark or hay mulch the way you normally mulch the garden. In this way the pump can also be located in the garden which minimizes noise, and places the pump and tank out of site. Soil should not be placed over lid. Contamination of the water supply from soil and groundwater will result, and the max lid load of 500kg will be exceeded.
- b. In the ground in a pedestrian area – gravel, pebbles or light pavers can be placed over the lid in pedestrian walkways. Pebbletex, stencil or paint the lid. The access must always be accessible.
- c. In the ground as part of a concrete slab – incorporate the lid of the unit by pouring a slab around it for patio or bbq areas.
- d. In the ground for use – the average suburban garden shed fits neatly onto the lid of the 3.5m diameter units. Bird aviary slab, cubby house base etc.
- e. In the ground for use as clothesline slab – in this case the clothesline cannot be placed into the centre of the lid due to stresses placed on the lid through movement of the clothesline support. Clothesline is bolted to the outside wall of the unit, giving the use of the entire 3.5m lid for clothesline access.
- f. **UNDERGROUND** - Light trafficable lid must be purchased (2 tonne point load capacity). The maximum allowable depth of soil and turf above lid is 300mm. A 600 x 600 riser must be fitted to allow access into manhole (Not supplied).
- g. **ABOVE GROUND** place your unit on a sand bed, or in a bank as a retaining wall. Units placed above ground should have approximately 200mm of soil placed around base. This prevents erosion and bedding sand from washing out. Upon delivery place water to 50% of the total capacity to the unit immediately, (DO NOT FILL COMPLETELY), fill over several weeks.