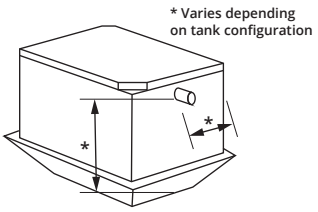
Standard Tank Specifications

Custom tanks may vary from details shown – refer to specific drawing.

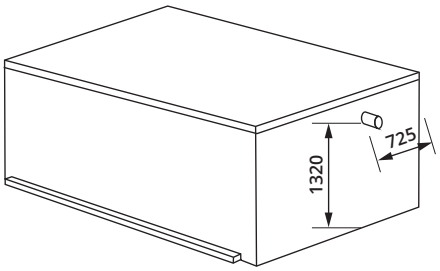
Refer to website resources or Austin Bluewater drawings for tank layouts, position of lifting points and positions of inlets, as these vary on each tank type.

Tank Type	*Length*	*Width* *(incl anti float nibs if included)*	*Overall Height* *(from base of tank to top of lid)*	*Invert* *(from base of tank)*	*Weight of Tank (t)* *(including standard lid)*	*Lifting Points* *(number & type)*
B52 and 65 Series Tanks	3000	1932	1560	1320	5.70	4 x 2.5 Reid anchors
ABS Series Treatment Tank	3000	2232	2380 to top of first turret	1630	8.20	4 x 2.5 Reid anchors
1,500L and 15 Series Tanks	1500	1200	1639	Varies (refer drawing)	1.80	2 x 1.3 Reid anchors
B33 and 33 Series Tanks	2750	1225	1560	1320	3.60	4 x 2.5 Reid anchors
HT10 and 10 Series Tanks	2450 diameter		2380	2000	5.40	4 x 2.5 Reid anchors
HT20 and 20 Series Tanks	3075 diameter		3020	n/a	9.60	4 x 5.0 Reid anchors

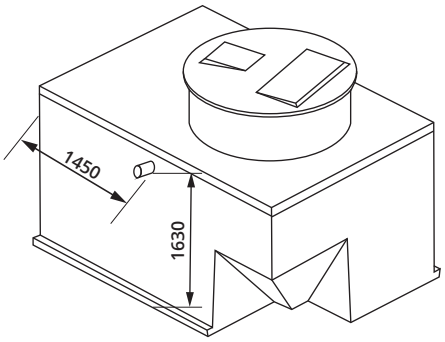
PLEASE NOTE : When handling any tank with more than 2 lifters, an equalising beam must be used to ensure all lifters are equally loaded.



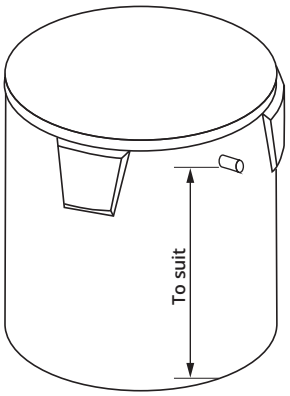
1,500L and 15 Series Tanks



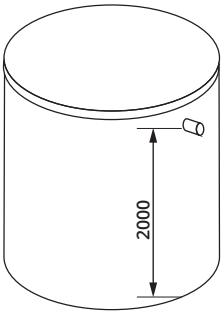
B52 and 65 Series Tanks



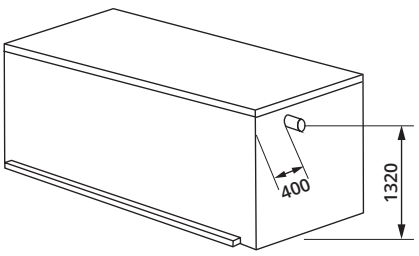
ABS Series Invert Position



HT20 and 20 Series Tanks 20,000L



HT10 and 10 Series Tanks 10,000L

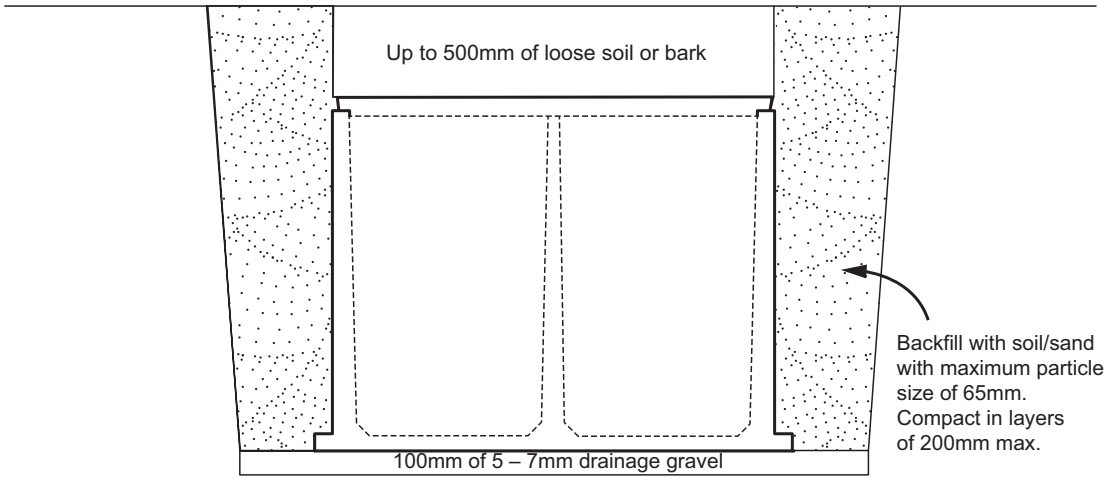


B33 and 33 Series Tanks

Tank Installation Guide

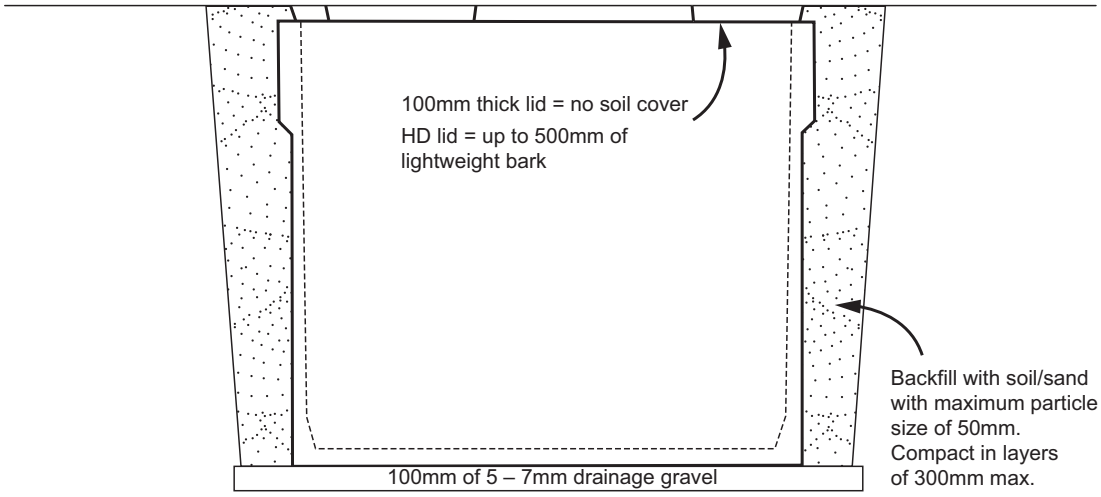
ABS, B52 & 33 and Pump Chamber series tanks

Refer installation guide for details



T20 tanks

Refer installation guide for details



Instructions and Install Notes

Excavation Instructions

Any excavation must comply with all relevant legal acts, codes and standards including Department of Labour approved code of practice for safety.

1. Check with your local council authority for requirements on tank location and drainage system for the site.
2. Following excavation dimensions of hole to suit both tank and soil types cover the base of the hole with 100mm of 5-7 drainage gravel, ensuring the base is finished perfectly level. DO NOT leave exposed rocks as these may damage the tank and void the warranty. DO NOT use sand.
3. Backfill excavation with soil / sand maximum particle size of 65mm DO NOT use ROCKS compact in layers of 200 mm max.
4. To prevent flotation, fill tank to at least 70% of capacity. Austin Bluewater will not take responsibility for floating tanks.
5. The excavated ground surface for the tank shall have an ultimate bearing capacity of 200kPa and all organic material shall be removed. Tanks shall be placed on a bed of compacted 5–7 mm drainage gravel 100mm thick to form a level surface. This base must extend an additional 1.0 metre further than the tank base all round. We recommend that the site is excavated a minimum of 200mm below existing ground level. To ensure the above conditions are met, a geotechnical consultant may be engaged to provide written sign off.

General Installation Notes

1. T20 tanks with a 100mm thick lid MUST be installed with the lid at ground level – NO SOIL COVER. If an HD lid is used the tank may be buried up to 500mm but only covered with light weight bark.
   For all other tanks the precast lid will support a maximum 500 kg point load (pedestrian loading only) or if buried, 500mm depth of loose soil cover or bark . A ‘no go zone’ around the perimeter of the tanks for 2 metres must be identified to stop intrusion of vehicles, stacked materials and other heavy objects.
2. Surface storm water should be diverted away from lid to prevent water ingress.
3. Ensure the drain field is not in trafficked areas, and do not allow stock to graze on the this area.
4. TO ENABLE SERVICING OF ABS TREATMENT SYSTEMS, THE LID MUST BE ABLE TO BE LIFTED OFF AND PLACED TO ONE SIDE. TO ALLOW THIS, THE ELECTRICAL CONNECTION MUST HAVE A FLEXIBLE SECTION WITH SPARE CABLING.
5. The ABS turret must extend a minimum of 100mm above finished ground level.

PLEASE NOTE: Failure to comply with these instructions will invalidate the warranty