



# Tankmasta Toroid Underground Tanks

Design Patent and Trade name pending

## Underground Tank Features

Linpac Tankmasta offers a range of underground tanks from 1000 to 10000 litres in capacity. The 2000 litre tank TA2002 has a flat bottom to minimize the required excavation depth whilst all other tanks are a reinforced barrel configuration. Each tank has a riser chamber with a screw or hinge lid. The 2000 litre tank has an inbuilt filtration screen inside the riser to remove debris from the incoming stormwater. Separate filter pits are also available.

All underground tanks can be fitted with the Aquasource Remote mains water by-pass system and a submersible pump for the automatic use of the harvested rainwater for flushing toilets and sprinkling gardens. If there is no rainwater available in the tank or in the event of power failure the Aquasource automatically switches to mains water so a water supply is always connected. These underground tanks are ideal for retention / detention or buffering of storm water as generally required by local government authorities and then re-use of that water.



### Flat Base Underground water tank

- 2000lt capacity
- 3070mmL x 1700mmW x 1000mmH
- Lid Aperture 530mm

Note: Height is to Top of Manhole, does not include Riser.



### BAGEL Underground water tank

- 5000lt capacity
- 3700mm x 2400mm x 1300mmH
- Super strong Structure
- Unique vehicle bearing design
- No necessity to use adjustable risers



### DONUT Underground water tank

- 3000lt capacity
- 2400mmD x 1300mmH
- Super strong Structure
- Unique vehicle bearing design
- Modular kits available

## Donut (3000lt) and Bagel (5000lt)

We are pleased to introduce Tankmasta's new generation of underground tanks, affectionately referred to as the Donut (3000lt) and the Bagel (5000lt).

Born from the industry's need for an underground tank that is structurally strong, resistant to hydrostatic lift and easy to install, Tankmasta's Toroid tanks are a fresh approach to underground water storage. Designed to exceed the requirements of AS1546.1, both the Donut and the Bagel have been F.E.A. tested to a specific Gravity of 2.1 and a vertical load of 5kN.

With a maximum height of 1300mm, excavation is kept to a minimum and allows both tanks to comply with workcover regulations for working a depth. While the tanks toroid shape provides super strong construction it is the unique central void that allows both the Donut and the Bagel to be incorporated into driveways and garage floors.

Also see our Pump Box Brochure for Pump, Rainbank and Filter options

All prices/specifications subject to change without notice

Add 10% GST - Australia Only



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## Tankmasta Underground Tanks

To ensure peace of mind, all Tankmasta toroid underground tanks come with a seven year manufacturer's warranty. We believe it is important that the same peace of mind received from the H.I.A's industry guarantee on a new home, should also apply to underground tanks.

But regardless of what a manufacturer's warranty offers, it is only as good as the installation process.

To ensure that your underground tank is installed correctly, Tankmasta has commissioned installation guidelines prepared by leading Geotechnical Engineer. These Guidelines are available on request.

### Features

- Super strong construction
- No necessity to use adjustable risers
- Self Cleaning 10mm in-line filter
- Lockable lid & child safety bars incorporated into inlet
- Up to 4 x 25mm connections for water out, water in, electricity & air vent for interconnection
- Use of 4 x 90mm threaded interconnection points
- Flat based sump for pump
- Designed to fit into a 100mm concrete slab

- Unique vehicle bearing design
- The tanks low profile does not exceed workcover's 1.5metre guidelines for working at depth
- Shallow slit trench minimises need for heavy equipment
- Shallow excavation minimises the chances of hitting rock
- Excavating top soil minimises the need to remove soil off site
- Installation instructions link to soil types as stated in AS2870
- Installation instructions prepared by Geotechnical Engineer  
*(Available on request - T:/BrochPDF/Watertanks/Tankmasta/Underground Tanks-Installation\_8pg\_np)*

### Design Standards

- ASNZS 4677 (int) - Structure
- AS1170.0 Design Structures
- AS1579 Vertical Load
- AS4020:2002 Drinking Water
- AS2070 Parts 1 & 8

### Australian Standards

- Exceeds ASNZS1546.1 requirements
- Vacuum & Pressure tested to 35kPA FEA tested to greater than 2.0 SG
- Top load vertical resistance of 5kN
- Buckle Load Factor Greater than 1

Order Code	Description	Trade Price Exc GST	Trade Price Inc GST
# TA2002	Flat Base underground water tank - 2000 L 3070L x 1700W x 1000H mm	\$ 2,327.27	\$ 2,560.00
# TA1900EL	Donut underground water tank - 3000 L 2400D x 1300H mm	\$ 2,718.18	\$ 2,990.00
# TA1950EL	Bagel underground water tank - 5000 L 3700 x 2400 x 1300H mm	\$ 3,772.73	\$ 4,150.00

### Accessories

# TA2020GC	Underground Adjustable Riser Max Height 600mm- Lockable Lid	\$ 109.09	\$ 120.00
# SPUGCK	Combination Kits are available to interconnect both tanks to achieve 6000lt, 8000lt and 10000lt in capacity.	\$ 54.55	\$ 60.00
# WA1511GC	Lockable lid (if required)	\$ 54.55	\$ 60.01
	Pump, Interconnect or Top up systems - <b>As Selected</b>	TBA	TBA

### Distribution/freight policy for the Toroid underground tanks:

All deliveries with crane truck are to site, **NOT** into hole.

Delivery/freight charges for cities/areas not listed below are POA.

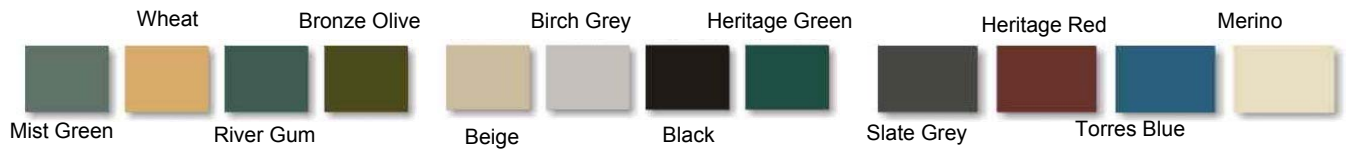
<b>Brisbane/SE Qld</b>	AREA: Tweed heads – Caboolture – Ipswich \$165.00 plus GST per tank - Delivery to site using crane truck.
<b>Sydney</b>	AREA: 50 km radius of St Marys \$165.00 plus GST per tank - Delivery to site using crane truck.
<b>Melbourne</b>	AREA: Geelong – Melton – Sunbury – Healesville - Warragul – Mornington Peninsula \$165.00 plus GST per tank - Delivery to site using crane truck.
<b>Adelaide</b>	Yet to be finalised, but should be metropolitan area and same freight charge as Brisbane, Sydney & Melbourne.
<b>Perth</b>	Delivery is only to transport companies yard – delivery to site is NOT available (must be organised by dealer/customer). Freight charge: Bagel \$600 plus GST per tank, Donut \$380 plus GST per tank

Replaces all previous versions



## Pump Box Range

### Standard Colours Available:



### PB1 Features

- Removable Clip on Lid.
- Can be securely fastened to the floor.
- Fully enclosed base for reduced insect entry.
- Houses optional filters.
- Houses optional Rainbank or Rainbank and Twin Filters.
- Wide range of colours.
- Filtered models incorporate a 30uM sediment & 10uM Carbon filter.
- Non-Rainbank models can be remotely located from the tank.



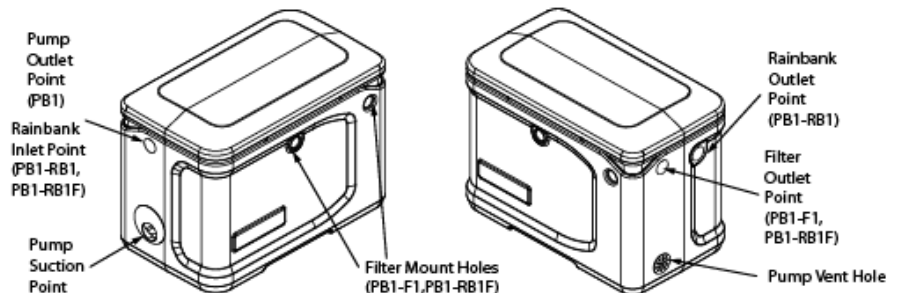
Illustrated  
# 26008432

### PB1-F1 Additional Features

- The Pump Box with a Davey XP500H & Twin Filters.
- Hoses and fittings supplied
- Some assembly may be required.

### PB1-F2 Additional Features

- The Pump Box with a Davey XP500H & Twin Filters.
- Hoses and fittings supplied
- Some assembly may be required.

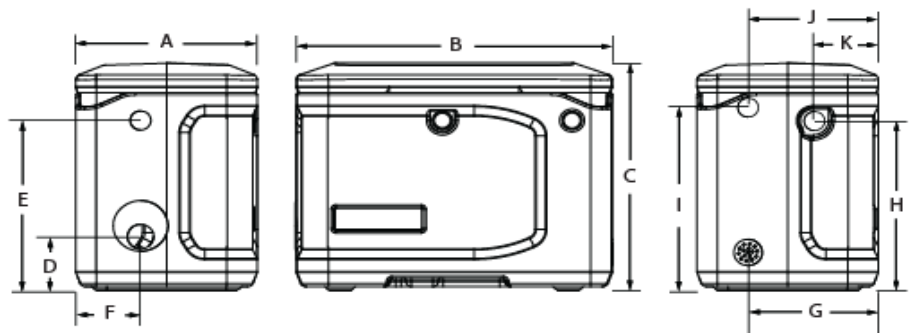


### PB1-RB1 Additional Features

- Pump Box with Davey Rainbank & HP45 pump combo.
- Some assembly may be required.

### PB1-RB1F Additional Features

- Pump Box with Twin Filters, Davey Rainbank & HP45 pump combo.
- Some assembly may be required.



### Pump Box Dimensions (mm)

Model	A	B	C	D	E	F	G	H	I	J	K
PB1	350	600	480	145/110	380	120	250	350	375	260	120
PB1-F1	350	600	480	145	380	120	250	350	375	260	120
PB1-F2	350	600	480	110	380	120	250	350	375	260	120
PB1-RB1	350	600	480	110	380	120	250	350	375	260	120
PB1-RB1F	350	600	480	110	380	120	250	350	375	260	120



Also see our underground water tank brochure for toroid underground tanks

Our policy of constant product improvement may lead to changes to specifications/prices without notice.





Replaces all previous versions

Effective 5th November 2005



## Pump Box Range

Pump Box Range				Trade Price Exc GST	Trade Price Inc GST
Model	Description	Will Suit these Davey Pumps	Twin Filters	All Colours	
 # 26008289	<b>PB1</b> Bare Pump Box and Lid Only	<ul style="list-style-type: none"> <li>• XP500H ... 53 lpm</li> <li>• HP45 ... 80 lpm</li> <li>• Aquamate Plus ... 25 lpm</li> </ul> (Note: Not suitable for Davey Pump XP350)	-	\$97.09	<b>\$106.80</b>
 # 26008418	<b>PB1-F1</b> Pump Box with Aquamate Plus &	<b>Complete with</b> <ul style="list-style-type: none"> <li>• Davey Aquamate Plus Pump..25 lpm</li> <li>• Twin Filters</li> </ul> (Some assembly may be required)	30 Micron Pleated Sediment  10 Micron Pleated Carbon	\$518.18	<b>\$570.00</b>
 # 26008425	<b>PB1-F2</b> Pump Box with XP500H & Twin Filters	<b>Complete with</b> <ul style="list-style-type: none"> <li>• Davey XP500H ... 53 lpm Pump</li> <li>• Twin Filters</li> </ul> (Some assembly may be required)	30 Micron Pleated Sediment  10 Micron Pleated Carbon	\$754.55	<b>\$830.00</b>
 # 26008432	<b>PB1-RB1</b> Pump Box with Rainbank & Davey HP45	<b>Complete with</b> <ul style="list-style-type: none"> <li>• Davey HP45 ... 80 lpm Pump</li> <li>• Rainbank</li> </ul> (Some assembly may be required)	-	\$1,131.82	<b>\$1,245.00</b>
 # 26008449	<b>PB1-RB1F</b> Pump Box with Twin Filters, Rainbank, & Davey HP45	<b>Complete with</b> <ul style="list-style-type: none"> <li>• Davey HP45 ... 80 lpm Pump</li> <li>• Twin Filters</li> <li>• Rainbank</li> </ul> (Some assembly may be required)	30 Micron Pleated Sediment  10 Micron Pleated Carbon	\$1,254.55	<b>\$1,380.00</b>

Please Nominate the box colour when ordering

**Warranty - Pump Box & Lid - 25year pro-rata  
 - Pump & Accessories - 12months**

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