

Carat Underground Retention Tanks

A superior underground retention tank that is easy to transport, handle and install.



TECHNICAL GUIDE: **TC4.2**

Applications

Ideal for the underground capture and storage of rainwater, septic and wastewater

Product Attributes

Robust and lightweight modular construction

Ribbed construction for unbeatable

stability and strength

Easy to assemble once on site, with minimal tools required

Extendable for increased capacity

15 year warranty, when installed to manufacturers standards

Tank, lid shaft and lid are all fully sealed meaning no seepage or dirt can enter the tank

Approvals/Standards

Certified to (CE) EN12566-3 water tightness and stability

Certified to AS/NZS 1546.1:2008

Quality

ISO 9001:2008 Quality Management System

A superior underground retention tank that is easy to transport, handle and install.

Design Specifications

- Manufactured by injection compression moulding of polypropylene.
- Five preformed inlet/outlet ports in the lid shaft.
- Rotating lid shaft allows for easy aligning with inlet/outlet pipe.
- Inlet/Outlet stations at top and bottom of tank allows units to be coupled together for larger capacity.
- Filter package available for rainwater filtration.
- Baffles available for in tank chamber separation (excluding 2700 litre)
- The tank comes in two half shells with an encircling H profile, positive locking wedges and EPDM sealing ring.
- Telescopic lid for easy levelling with surrounding surface, can take up to 5 degree offset.
- Tanks can be installed in high groundwater conditions up to the middle of the tank.
- Telescope lid riser for easy alignment to ground profile.
- Other lid options available.



TABLE 1 Tank Specifications

Code	Description	Capacity (Litres)	Length (mm)	Width (mm)	Height 1 (mm)	Height 2 (mm)
UT2700MIN	TANK U/GROUND 2700L CARAT C/W MINI SHAFT AND LID PED	2700	2080	1565	1400	1820 / 2260
UT3750MIN	TANK U/GROUND 3750L CARAT C/W MINI SHAFT AND LID PED	3750	2280	1755	1590	2010 / 2450
UT4800MIN	TANK U/GROUND 4800L CARAT C/W MINI SHAFT AND LID PED	4800	2280	1985	1820	2240 / 2680
UT6500MIN	TANK U/GROUND 6500L CARAT C/W MINI SHAFT AND LID PED	6500	2390	2190	2100	2520 / 2960
UT2700MAX	TANK U/GROUND 2700L CARAT C/W MAXI SHAFT AND LID PED	2700	2080	1565	1400	2150 / 2590
UT3750MAX	TANK U/GROUND 3750L CARAT C/W MAXI SHAFT AND LID PED	3750	2280	1755	1590	2340 / 2780
UT4800MAX	TANK U/GROUND 4800L CARAT C/W MAXI SHAFT AND LID PED	4800	2280	1985	1820	2570 / 3010
UT6500MAX	TANK U/GROUND 6500L CARAT C/W MAXI SHAFT AND LID PED	6500	2390	2190	2100	2850 / 3290

Note: Height 1 = Tank height only Height 2 = Tank c/w shaft and lid (minimum / maximum)



Scan for more information

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hygrade Water product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hygrade Water unless expressly stated in any sale and purchase agreement entered into between Hygrade Water and the user.

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