ROUND POTABLE WATER STORAGE TANKS

CASCADE

OVERVIEW

Specifically designed for commercial, industrial and multi-residential potable water storage applications, Cascade Potable Water Storage Tanks are built to last. Manufactured in accordance with Australian Standards, Cascade products are extensively specified by leading industry specialists. Fully engineered to exceed the requirements for wind-loading and water pressures.



APP WARRANTY | APP QUALITY SUPPLY | DESIGNED FOR EMERGENCY SUPPLY

COMPRISING

- Galvanised Steel or Stainless-Steel Panel Tank (bolted) with internal Potable approved PVC liner.
- Galvanised steel or Stainless-Steel sheet metal roofing with anti-vermin protection.
- Manufactured in accordance with relevant Australian Standards including AS 3500.1
- 750 x 750mm inspection access in top of tank.
- 600 x 600mm manhole access in side of tank at low level.
- External galvanised / stainless steel access ladder constructed in accordance with AS1657.
- External ladder fitted with lockable guard
- Tank level indicator with signage.
- Tank safety, capacity and description signage
- Stainless Steel Inlet, overflow, drain connections & outlet with anti-vortex plate as standard.
- 2 x 25mm ball floats
- Internal galvanised steel ladder (standard design spans 2.0m below high water level), for tanks under 2.35m in height, ladder depth with be adjusted accordingly.

SPECIFICATION

- Wall sheet material galvanised steel or stainless steel available with minimum 2mm panel thickness, as well as high grade GR450 & LDX 2102 Stainless Steel material for complex and large storage.
- Internal Potable grade PVC Liner membrane as standard
- Standard galvanised roof structure and zincalume sheeting.
- All roofs are designed to AS/NZS1170.
- Stainless Steel roofs options also available.
- Tank suction outlets can be provided with antivortex plates and base plates to hold the liner in place preventing the liner from being drawn into the outlet flow, potentially damaging the liner and pump.
- Stainless steel Tank nozzles are potable compliant
- Stainless steel nozzles are fully isolated and protected on galvanised tanks
- Ladders conform with AS1657.
- 25-year design life
- 10-year warranty as standard (extended warranties available)

ROUND POTABLE WATER STORAGE TANKS

SIZING & CAPACITY

Our standard round panel tank range is designed with flexibility in mind, offering a wide selection of diameters and heights to suit virtually any potable water storage tank solution requirement. This versatility ensures we can meet specific site demands, storage capacities, and compliance needs with ease. No matter the application, our range provides a reliable and tailored solution for potable water storage.

- 10,000L – 4 mega litres.
- Larger capacities provided using multiple tanks
- Space efficient, maximising the amount of capacity when constrained by tight areas with our tanks starting from 2.99m diameter.
- Round tank standard sizing as highlighted below in blue.
- Non-standard tank sizing and sizing outside of the below table can be quoted on request.
- Additional height options avaiable using 600mm and 1500mm high panels

AVAILABLE OPTIONS

- Digital tank level indicator
- Quick fill valves
- To meet environmental and aesthetic requirements we can provide a range of standard Colorbond powder coated finishes to the external panels & roofing to suit.
- Modular access options including roof walkways and stairs.
- REG126 and Third-Party Engineering options available.
- 304 / 316 Stainless steel tank finish

STANDARD ROUND TANK SIZE CHART												
	TANK HEIGHT	1C	2C	3C	4C	5C	6C	7C	8C	9C	10C	11C
		1.2	2.35	3.5	4.65	5.8	6.95	8.1	9.25	10.4	11.5	12.7
NUMBER OF PANELS PER COURSE	TANK DIAMETER											
4P	2.99 DIA											
5P	3.74 DIA											
6P	4.49 DIA											
7P	5.24 DIA											
8P	5.98 DIA											
9P	6.73 DIA											
10P	7.48 DIA											
11P	8.23 DIA											
12P	8.98 DIA											
13P	9.72 DIA											
14P	10.47 DIA											
15P	11.22 DIA											
16P	11.97 DIA											
17P	12.72 DIA											
18P	13.46 DIA											