



North Island

RX Tanks

No Tank is built like an RX Tank



an *Aliaxis* company

RX PLASTICS LTD
PO Box 360 Ashburton
Phone +64 3 307 9081
Email sales@rxplastics.co.nz
www.rxplastics.co.nz



RX PLASTICS

RX Tanks



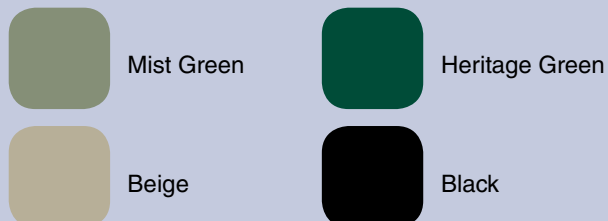
Whether you are storing, transporting or distributing water or wastewater, RX Plastics has the solution for you, with manufacturing facilities New Zealand wide and selections of strong supporting brands, RX Plastics can assist whatever your requirements.

RX Plastics was the first New Zealand manufacturer to be officially certified by an independent testing authority, meeting the requirements of the Australasian Tank Standard set by the tank manufacturing industry itself. Our entire process from tank design and manufacture through to the finished product is certified to meet the highest design and manufacturing standard AS/NZS4766 – ApprovalMark International Ltd.

Tanks

- Certified to the highest standard AS/NZS4766
- RX Tanks meet the highest design and manufacturing standards
- UV stabilised, food grade polyethylene (FDA approved)
- Resistant to algae growth
- Lab tested to ensure tank meets our strict guidelines
- Use of diagnostic tooling during manufacturer ensures heating and cooling cycles are optimised
- One piece construction for strong robust tanks
- The size of our tanks in litres refers to actual amount of usable water that can be stored – that's guaranteed

Standard tank colours



Other colours available on request.

MAX™ Tanks

– 10,000, 15,000, 25,000 and 30,000 litres

RX Plastics MAX™ Tanks are approved and certified to the Standard – AS/NZS 4766:2006 – ApprovalMark International Ltd

Features:

- 400mm manhole for easy inspection (10,000 & 15,000 litres)
- 600mm manhole for easy inspection (25,000 & 30,000 litres)
- Building permit not required for 30,000 litre tank
- Easy to transport with built-in lifting lugs
 - 4 lugs for 10,000 litres
 - 6 lugs for 15,000, 25,000 & 30,000 litres
- Flat panel for ballcock and accessories, and for ladder stability
- For water use 1SG only (1m³ =1000kgs water)
- For use of potable water storage between 1 – 23°C
- All tanks are supplied with a clip-on lid
- 20 year warranty

10,000, 15,000, 25,000 and 30,000 litre MAX™ Tanks have two pre-drilled BSP threaded outlets and are supplied with 1x 50mm hex nipple and 1 x 50mm bung.

Water Tanks

– 500, 1,100, 2,000, 3,200, 5,250, 7,500 litres

RX Plastics water tanks are approved and certified to the Standard – AS/NZS 4766:2006 – ApprovalMark International Ltd.

Easy to install and suited to any industrial, agricultural or domestic application requiring storage of 500 to 7,500 litres.

Features:

- 400mm manhole for easy inspection
- 500 – 1,100 litre tanks have centre placement for manhole
- 2,000 – 7,500 litre tanks have outside edge placement for manhole
- Easy to fit outlets and valves
- 4 lugs for lifting, carrying and tying down
- For water use 1SG only (1m³ =1,000kgs water)
- For use of potable water storage between 1 – 23°C
- Tanks are supplied without fittings or pre-drilled holes
- All tanks are supplied with a clip-on lid
- 20 year warranty
- Standard colours: Mist Green, Heritage Green, Beige and Black

Water Tanks



3,000mm
3,900mm
6,600 gallons
30,000 Litres



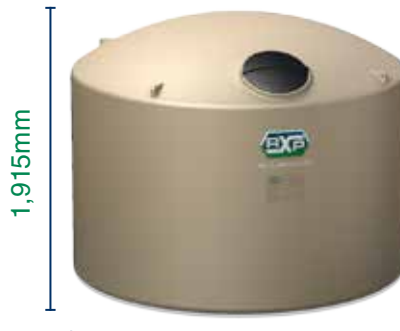
3,000mm
3,500mm
5,500 gallons
25,000 Litres



2,520mm
3,000mm
3,300 gallons
15,000 Litres



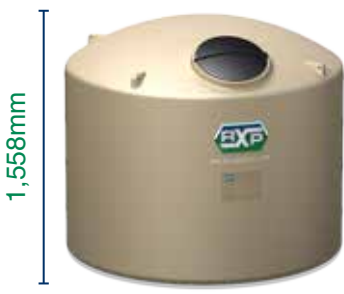
3,365mm
2,150mm
2,200 gallons
10,000 Litres



1,915mm
2,500mm
1,650 gallons
7,500 Litres



1,866mm
2,150mm
1,154 gallons
5,250 Litres



1,558mm
1,850mm
705 gallons
3,200 Litres



1,485mm
1,500mm
440 gallons
2,000 Litres



1,377mm
1,200mm
242 gallons
1,100 Litres



1,257mm
840mm
110 gallons
500 Litres

Colostrum Tanks

– 500, 1,100, 2,000, 3,200, 5,250, 7,500 litres

Colostrum Tanks are made from strong robust opaque plastic.

Features:

- Easy to transport with built-in lifting lugs
- Ease of drilling for wide range of fittings
- 500 – 1,100 litre tanks have centre placement for manhole
- 2,000 – 7,500 litre tanks have outside edge placement for manhole
- Clear stencil markings showing the volume in litres
- Four lugs for lifting, carrying and tying down
- All tanks are supplied with a clip-on lid
- Also available COLSTIRRER – Colostrum Zinc Coated Manual Stirrer



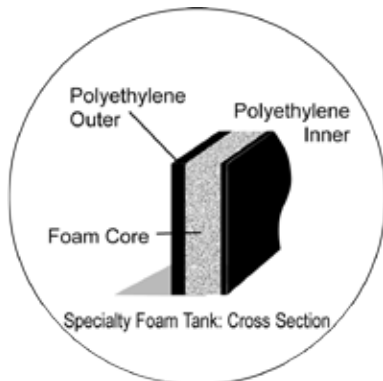
Foamed Tanks

– 500, 1,100, 2,000, 3,200, 5,250, 7,500 litre

They are the result of a three-shot process in which a thick polyethylene foamed centre is sandwiched between a polyethylene outer and inner skin. Foamed tanks provide extra strength. With superior insulation properties, water is able to be kept at a cooler, more consistent temperature. Foamed tanks are a logical choice for temperature-controlled environments, particularly in the refrigeration industry. Available in black only.

Features:

- Easy to transport with built-in lifting lugs
- Ease of drilling for wide range of fittings
- 500 – 1,100 litre tanks have centre placement for manhole
- 2,000 – 7,500 litre tanks have outside edge placement for manhole
- Four lugs for lifting, carrying and tying down
- Tanks are supplied without fittings or pre-drilled holes
- All tanks are supplied with a screw-in lid



Molasses Tanks

– 500, 1,100, 2,000, 3,200, 5,250, 7,500, 10,000, 15,000, 25,000, 30,000 litres

Molasses Tanks are specially made extra duty tanks for the storage of heavy molasses or similar liquids (1 litre molasses = 1.4kg). This means that 1,000 litres will weigh 1,400kgs. Therefore the tank must be stronger to hold the added weight. Molasses tanks are the same shape as a standard tank but with a thicker wall for holding heavy viscous liquids.

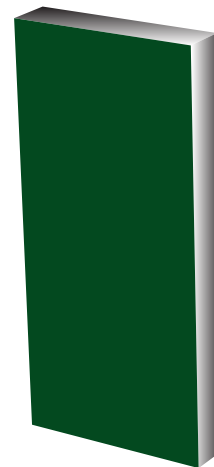
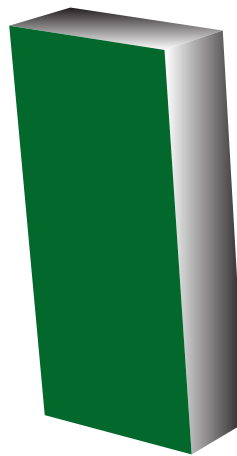
Features:

- 500 – 1,100 litre tanks have centre placement for manhole
- 2,000 – 30,000 litre tanks have outside edge placement for manhole
- Easy to transport with built-in lifting lugs
- Thicker walls
- Molasses kits sold separately and fitted to molasses kits only. Small or large kit options available
- All tanks are supplied with a clip-on lid



Molasses tank wall

Normal water tank wall



Tank Kits



Frost Protection Unit for MAX™ Tanks
 – RXFP25 (25mm), RXFP50 (50mm)

Ensuring the availability and flow of water, the frost protection unit stops the ballcock freezing in colder weather.



Fire/Water Reserve MAX™ Tanks
 – RXFR25 (25mm), RXFR50 (50mm)

Along with the fire fighting kits, the Fire/Water Reserve kit ensures that if there is a fire, firefighters can access water immediately.

MAX™ Tank Fire Fighting Kits

– FFK 75 (75mm), FFK 100 (100mm)



FFK 100 (100mm)



FFK 75 (75mm)

The RX Fire Fighting Kits is suitable for 15,000, 25,000 and 30,000 litre tanks only, using 25mm and 50mm inlet fittings. RX offer the 100mm fire fighting outlet with a standard fire hose coupling, and the 75mm fire fighting outlet with a camlock fitting. These fittings require support separately from the RX Tank wall (bracket supplied with kit).

Molasses kits

RXMK-LGE – Large Molasses kit

RXMK-SM – Small Molasses kit



Molasses kits are available to facilitate the supply of molasses. Fitted with a clear site glass, you will always know how much molasses you have on hand.

Large molasses kit pictured.

Tank Accessories

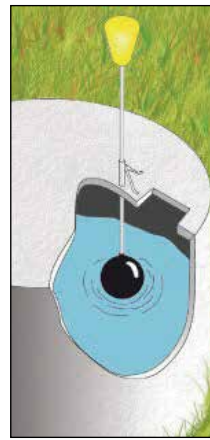
RXWLI

– RX Water Level Indicator
 – Water monitoring at a glance

Easy installation, designed specifically for an RX Plastics tank. Highly visible orange float for easy level indication, stainless steel shafts and sturdy plastic fittings.

RXWLI

– RX Water Level Indicator extension – 1 metre
 – Extension recommended for the RX MAX™ Tank series



RVSE/JRW

– Reservoir Water Level Indicator

Easily fitted RX tanks to show water level at a glance. Highly visible yellow indicator, double bracing arms. Constructed from stainless steel.

RVSE/JRWEXT

– Reservoir Water Level Indicator Extension – 1 metre
 – Extension recommended for the RX MAX™ Tank series

RXRESV – Reservoir Valve Dual Lever

– 32mm (1¼"), 40mm (1½"), 50mm (2")



Applications:

Maintaining water levels in medium to large tanks, reservoirs and large troughs. Used in agricultural, commercial buildings and industrial water supplies.

Working Pressure:

0 – 700kpa (0 – 100psi)

RXRESV – Reservoir Valve Single Lever
– 32mm (1¼"), 40mm (1¾"), 50mm (2")



Applications:

Maintaining water levels in medium to large tanks, reservoirs and large troughs. Used in agricultural, commercial buildings and industrial water supplies (Pump supplied applications use Dual Lever).

Working Pressure:

0 – 850kpa (0 – 120psi) with two 150mm Floats (Dual float adapter supplied).

Header Tanks



This tank is a semi flexible 135 litre tank
– 674mm top x 572mm base x 470mm high

RXHT.135LCOMP

Comes with tank, lid tray, overflow, aluminium backing plate, 20mm polywasher, 20mm brass tank fittings, 20mm trough valve and 115mm ball float.

RXHT.135LSEMI

Comes with above EXCEPT 20mm trough valve and 115mm ball float.

RXHT.135LTKLID

Comes as tank and lid only.

Also available 320 litre and 675 litre header tanks – no fittings included.

Correct method for siting & fitting a MAX™ Tank

Advise RX Plastics Ltd immediately of transport damage prior to siting and installing your tank

- It is the responsibility of the purchaser to ensure the tank is installed correctly using the guidelines supplied by RX Plastics Ltd and best plumbing practice
- Select a site that is flat and level
- The foundation can be made from concrete, sand, crusher dust or compact native soil, measuring approximately 100mm deep and 600mm wider than the tank base. All bases (except concrete) must be supported to prevent erosion from wind, water and any other factor
- On sloping ground, ensure actual tank site and surrounding area are level and that the area will remain free from any possible erosion damage in the future
- RX Plastics Ltd DO NOT recommend that any RX Plastics tank is buried
- Immediately after delivery, secure the Tank by either tying down with rope (avoid over tightening) or partially filling with water, approximately 300mm depth. NOTE – DO NOT attempt to lift a tank containing water – it must be completely drained before moving
- RX Plastics require an overflow to be fitted. Ensure that the overflow does not erode the foundation. Overflow can be fitted in one of the panels beside the manhole. Minimum recommended overflow size is 90mm (subject to inlet size)

- Ensure all pipe work from the tank is supported to reduce stress on the tank. Use flexible pipe or bellows on all pipe work to allow the tank to expand and contract (up to 100mm). NOTE – PE pipe is not considered flexible
- To avoid the possibility of internal pressure, vacuum or heat build-up (when empty or full), a vent must be installed. A recommended vent of 100mm is required for AS/NZS 4766 certified tanks. Always seek advice from tank manufacturer before installing
- Any tank with an outlet that is over 50mm BSP is not certified to AS/NZS4766
- Any tank with an outlet exceeding 100mm in the lower section of the tank wall will NOT be covered by the RX Plastics warranty
- Cleaning of tanks is advised if used for potable water supply. Seek advice from specialist tank cleaning company
- Ensure any fittings that may be screwed into the tank are not cross threaded and are not overtightened to avoid leaking
- No unauthorised repairs, modifications or alterations should be undertaken without prior written approval from RX Plastics as this will void the warranty
- RX Plastics Ltd do not recommend entering the tank for any reason, but if required follow MBIE guidelines on confined spaces entry before and during the procedure
- Heavy, unsupported loads are not permitted on the tank dome or wall – this includes standing on the dome under any circumstances or unsupported pipework

NOTE – to view the Tank Warranty conditions go to RX Plastics Ltd website: www.rxplastics.co.nz/tanks