

PIONEER WATER TANKS

Information and Options Brochure

Order Forms located at the back.

Send to sales@waterstorage.net.au

PROVIDING QUALITY SOLUTIONS TO YOUR LIQUID STORAGE NEEDS



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Thank you for your interest in a **Pioneer Water Tank**. As your local Pioneer Water Tank distributor, it is our job to make the important purchase and delivery of your new tank as simple and efficient as we can. Specialised Tank Services (STS) will provide you with a quality installation that will give you long term satisfaction, and most importantly, a water supply that you can rely upon for many years to come.

Having spent a lot of time putting liners into concrete and galvanised water tanks, Specialised Tank Services recognised the need for an alternative, larger style tank back in 1992. After researching different tank options, the many benefits of liner tanks were soon realised, and STS became a distributor for Pioneer Water Tanks. Pioneer was the first company to distribute and install steel lined tanks in the eastern states of Australia, having already successfully operated in Western Australia since the late 1980s. Pioneer Water Tanks now have distributors all over the world including a significant presence in the USA. Pioneer has recently upgraded the AQUALINER® to their new antimicrobial AQUALINER Fresh®, this new tank liner actively works to kill bad bacteria, microbes and algae in your tank. This world first technology is exclusive only to Pioneer Water Tanks, installing the AQUALINER Fresh® keeps your water cleaner, healthier and fresher for longer. For more information, please read the attached brochure.

With a Pioneer Water Tank, you get the best of both worlds; a peace of mind with 30 years' experience and a 20-year warranty. Poly tanks are great for corrosion resistance but tend to break down with sunlight over time. The Australian-made, BlueScope steel walls and roof of a Pioneer Water Tank provide protection from the sunlight and your water only meets the reinforced polyethylene liner, giving you piece of mind. The Pioneer Water Tank offers excellent protection against loss of water in the scenario of a bush fire. Being a modular tank we can deliver all our standard range tanks in a one tonne 4 x 4 ute and trailer, which means that most sites are accessible to our installation team all year round. Weather permitting, your tank can usually be delivered, constructed and ready for water in one day, without any curing or drying time.



Standard Accessories

Leaf Filter

A polyethylene leaf filter comes standard with every Pioneer Water Tank. We can upgrade your basket to a hi - flow stainless steel basket for installations where you have large or multiple inlet pipes. We also offer the option of swapping a Leaf Filter Basket for a 50mm poly inlet fitting for a bore connection, etc. If this is required.



Connections to leaf filter

When installing pipe/s to the leaf filter, it is important to place the screwed lid back on after the pipe/s is installed. This will prevent algal growth in the tank and prevent the mesh in the filter basket from deteriorating in the direct sunlight, as it is not UV stabilized.

The basket is **not** covered under warranty if the lid is left off. In order to easily remove the filter lid, we recommend you use a rubber connection in the horizontal or vertical section of pipework.



Standard Accessories



Internal view of our 150mm
Bellmouth Overflow

Overflow Details

Standard Overflow

150mm Bellmouth Overflow
Down pipe and flap valve
50mm optional overflow



External view of our 150mm
Overflow

- Pioneer Water Tanks have the largest standard overflow in the market. This maximizes the effective capacity in your water tank and ensures greater flow if you have multiple pipes going into you tank.
- O ring seals on the bolts gives a mechanical seal which means no silicon is required. O ring seals provide a water tight finish.
- Overflows are spooled through the wall with no internal joint where water can corrode cut edges of the tank wall sheet or the raw edge of the liner.



Pioneer Water Tanks
Overflow, that is spooled
through the wall. This
stops moisture getting
into the liner & cut steel.



Our competitors
Overflow through their
wall. As you can see, the
liner & raw steel edge is
fully exposed to moisture.

Standard Accessories

Ladder & Access Hatch

The Pioneer Water Tanks ladder is unique with plenty of rungs and the ability to clip on the inside or outside of your water tank, it will help service your tank and leaf filter being fully hot dipped galvanized it will last as long as your tank.

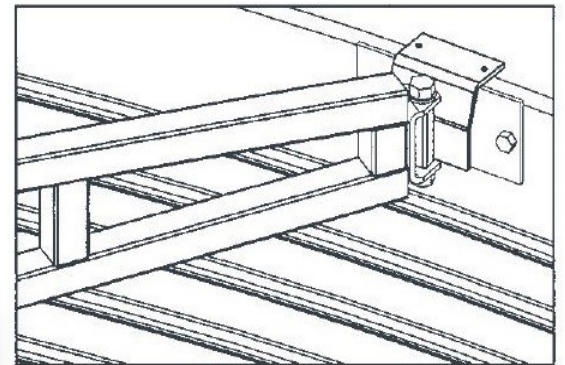
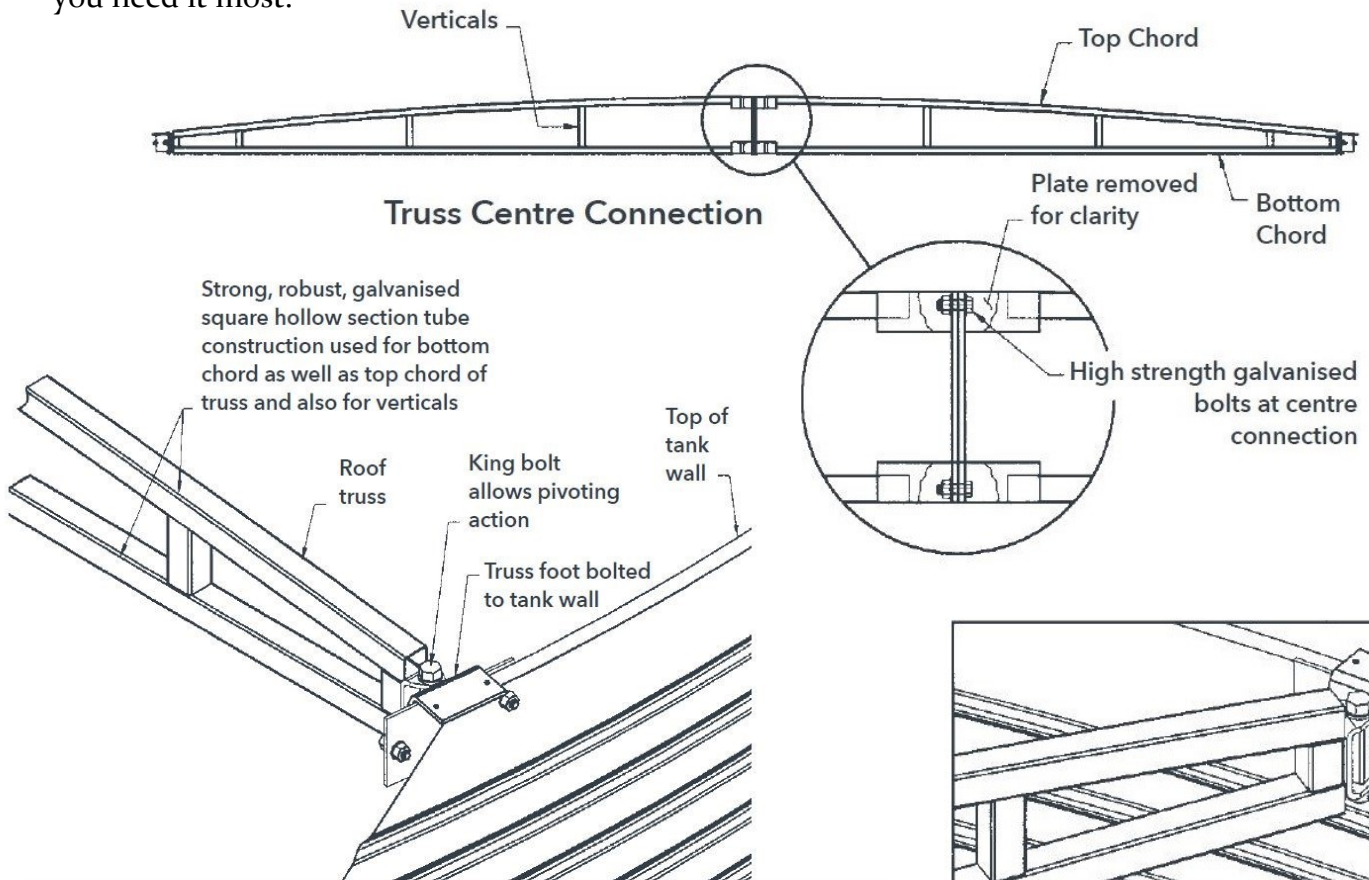
The access hatch is lockable and the lid on the manhole is also colour coded to the tank colour of your choosing.



Standard Accessories

Trusses

Pioneer Water Tanks trusses are engineered, and are a hot dipped galvanised steel with a unique swivel foot. Thus, it provides optimal movement in your tank in Australia's extreme heat and wind conditions. As your tank adapts to external conditions, you can rest easy your tank won't fail when you need it most.



View of truss connection to tank wall from inside

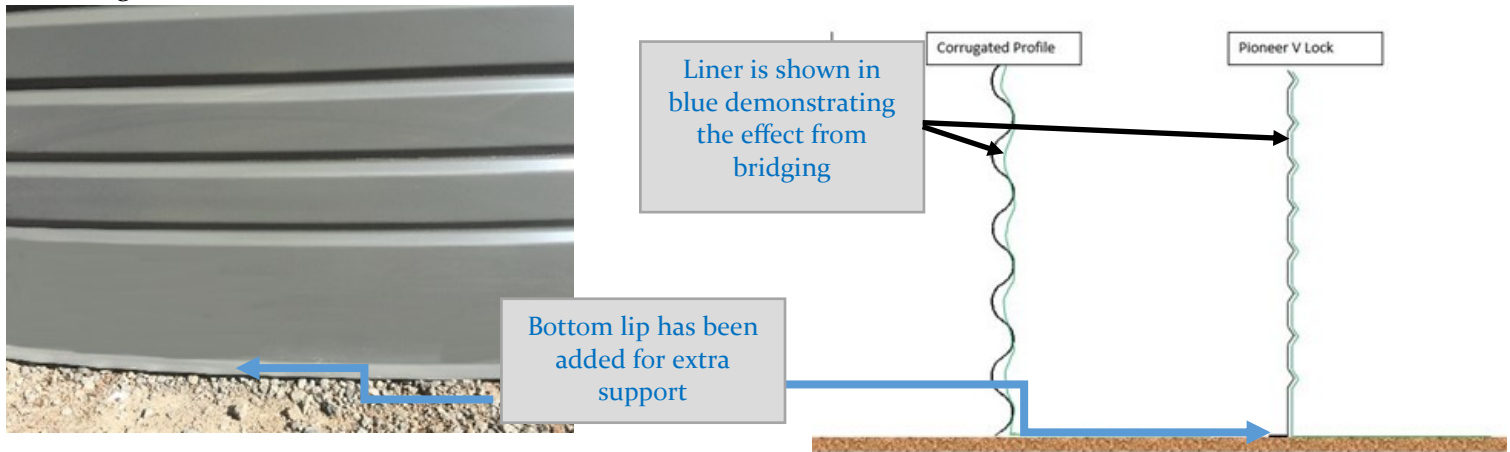
Pivoting action of truss enables correct alignment with tank wall, no matter where the truss lands



Standard Accessories

8-80 V-Lock Wall System

Pioneer Water Tanks exclusive 8-80 V-Lock wall profile was designed with the need to look great while fully supporting the tank liner. It also provides an extremely strong wall to fully support the water stored, with traditional corrugated iron walls the liner tends to bridge the corrugations which can cause the liner to pull down on tank wall while tank is full putting stress on wall and pressure on unsupported liner between corrugations, the V-Lock profile will fully support the liner which stops extra stress on wall when tank is full. Thickness of our fully engineered walls varies from tank size to tank size from .8mm in smaller tanks to 1.6mm in larger tanks. With the V-lock you don't get any deflection in wall from wind or pushing from animals or humans, which can occur in flatter profile walls even with the extra wall thickness. Pioneer also have a lip at the base of wall which assists the tank from sinking into your sand base and causing the tank wall to lose its level.



BlueScope Custom Orb Roofing Iron

We use genuine BlueScope Water Australian made custom orb corrugated iron for our tank roofing which is held in place by a high-quality Class 4 Tek screw giving you the highest level of corrosion resistance.



Standard Accessories

Concealed High Tensile Bolts

Specifically engineered for strength and durability the bolts are galvanised high tensile 8.8 Grade, they are the most resistant bolt on the market for shear under pressure. For the unique modern look of the Pioneer Water Tank we have concealed our bolts into a hidden bolt strip.



Sacrificial Anodes

Our sacrificial magnesium anodes significantly extend the life of your water tank by protecting the tank from corrosion. Made from magnesium, the anodes erode in place of the water tank, thereby protecting the steel and allowing the tank to live longer and stronger. Pioneer Water Tanks recommend your anodes be replaced every 5 years, so you can enjoy the benefits of your tank for life. We will supply two per tank.



20 Year Conditional Warranty

Over 20 years of proven experience means we have the confidence to give you a 20 year conditional warranty. (rural tanks only)



Standard Accessories

Tank Liner (AQUALINER Fresh®)

Pioneer Water Tanks continue to have the best liner on the market, which has been proved and tested over 30 years. Now there is a NEW innovation available which can add extra protection. The next generation Pioneer AQUALINER Fresh® water tank liner has even better flexibility, strength, water proofing and reliability. It is the first water tank liner in the world to introduce antimicrobial technology which further improves the health and water quality benefits for our customers, not to mention the AQUALINER Fresh® is fully Australian made. Pioneer Water Tanks have partnered with Swiss company, Sanitized® to create the world first antimicrobial water tank liner. Our AQUALINER Fresh® has added protection against colonisation and reproduction of algae, bacteria and moulds. Sanitized® antimicrobials add an additional layer of defence in the fight against microbes.



AQUALINER Fresh® Double Seam Weld

Pioneer Water Tanks' AQUALINER Fresh® is double seam welded for Australia's tough conditions. Our innovative double seam welded AQUALINER Fresh® provides the ultimate protection at liner joint, preventing leaks, drips, seepage or wicking of your previous water. Water seepage from your liner can encourage white ants or invasive roots, so insist on a double seam welded liner.



Key Benefits

- HIGHLY Waterproof
- HIGH Abrasion Resistance
- HIGH Tear Strength
- HIGH Tensile Strength
- LOW Stretch
- GOOD Heat Resistance
- SEALED SEAMS
- LOW Wicking
- HIGH Resistance to termites and tree roots
- Sanitized layer of added protection against algae, bacteria and moulds.
- Keeps your water fresher for longer.



AQUALINER Fresh® Durability

This is a photo of a GT250 (250,000Lt) tank that had a land slip on one side, resulting in a section of the liner being unsupported. The tank was full at the time ie. 250 tonnes of water inside. Because our reinforced liner was used the tank was subsequently drained and the base rectified with no damage occurring to the liner or tank.



Optional Accessories

Superseal and Condensation Strips

At an additional cost, this foam seal is fitted to the wall and roof joint in the tank to create a dust and vermin proof environment. A condensation strip is included to prevent excessive moisture getting behind the liner.



Level Gauges

A true reading level gauge can be fitted on your new or existing tank. With its unique design, what you see is what you have in your tank, unlike older style gauges. The marker goes up and down with the water by using a counter weight system. A heavy duty commercial grade gauge is also available for cases where public access may be available.



Geotextile

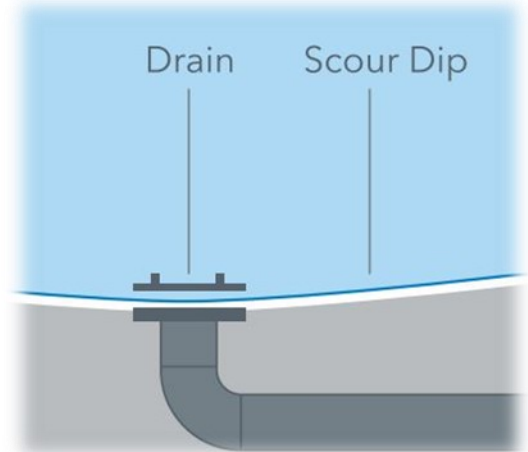
This is a 100% polyester non-woven fabric that has a high resistance to puncturing and tearing and is non-degradable. It is used when clean sand is not available, or a concrete pad is used. It can also be installed as extra life long protection as your base material can be contaminated in transport or spreading. Ask us for a price for you project if you would like to take advantage of an extra layer of life long protection.



Optional Accessories

Scour Drain

An optional 50mm scour outlet can be placed in the ground under the tank floor. It is usually installed with the inlet around one metre from the tank wall inside the tank with a slight bowling of the sand to enable easy cleaning of the tank with a hose and soft broom. It is finished outside the tank wall with a screwed plug in the ground or a 50mm valve can be used at an additional cost. If the tank is on a concrete pad, the scour will need to be fitted before the slab is poured.



Optional Outlets

There is a large range of outlets and overflows available to suit any situation in various styles and sizes. When a tank is fed from a bore or another tank, a 50mm overflow is sufficient, depending on the flow rates a 50mm overflow can be ordered as alternative-size at time of order. We can supply outlet fittings of all sizes and styles including flanged outlets, BSP outlets, rolled groove galvanised outlets, Vortex inhibitors for high suction, CFA outlets, Stortz outlets and camlock. Please speak with us regarding your requirements, so that we can provide the appropriate fittings for your specific needs.



Outlet with Vortex Inhibitor



Galvanised Outlet for Fire Tanks



Poly 80mm BSP Outlet



Poly inlet fitting with Deflector



Flanged shouldered Poly Outlet

Optional Accessories

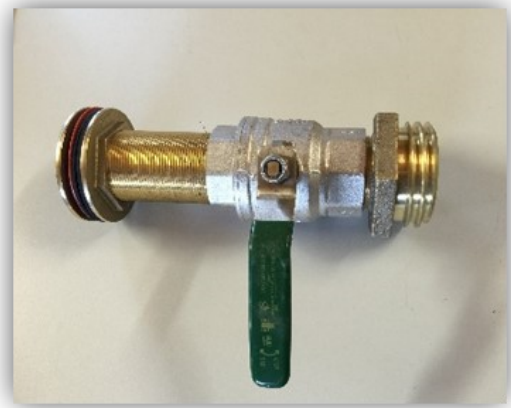
CFA Outlet Options

As the CFA outlet requirements in each area of Victoria are different it is up to the customer to find out their local requirements. It is useful if we can have any written instructions that may have been supplied with your building permit or supplied by your local CFA basically the differences are the following:



Standard CFA outlet:

50mm Poly tank outlet with a 50mm Poly valve and a 50mm Male to 64mm CFA TPI brass fitting.



Non-Combustible Standard CFA outlet:

50mm or 65mm Brass tank outlet with a 50mm or 65mm Brass valve and a 50mm Male to 64mm CFA TPI brass fitting.

10,000 Litre Reserve:

When the CFA require a dedicated 10,000 litre reserve for firefighting if requested we would install CFA at base and domestic outlet above at the 10,000 -litre level for house use.



Optional Accessories

Top Hoop

At an additional cost an optional top hoop can be connected at the top of the tank wall to provide a steel hoop around the tank, covering the screw connections producing a neater finish and increasing corrosion resistant around joins. Please note, this is a standard inclusion for GT280 tanks.



Rainsaver Caps

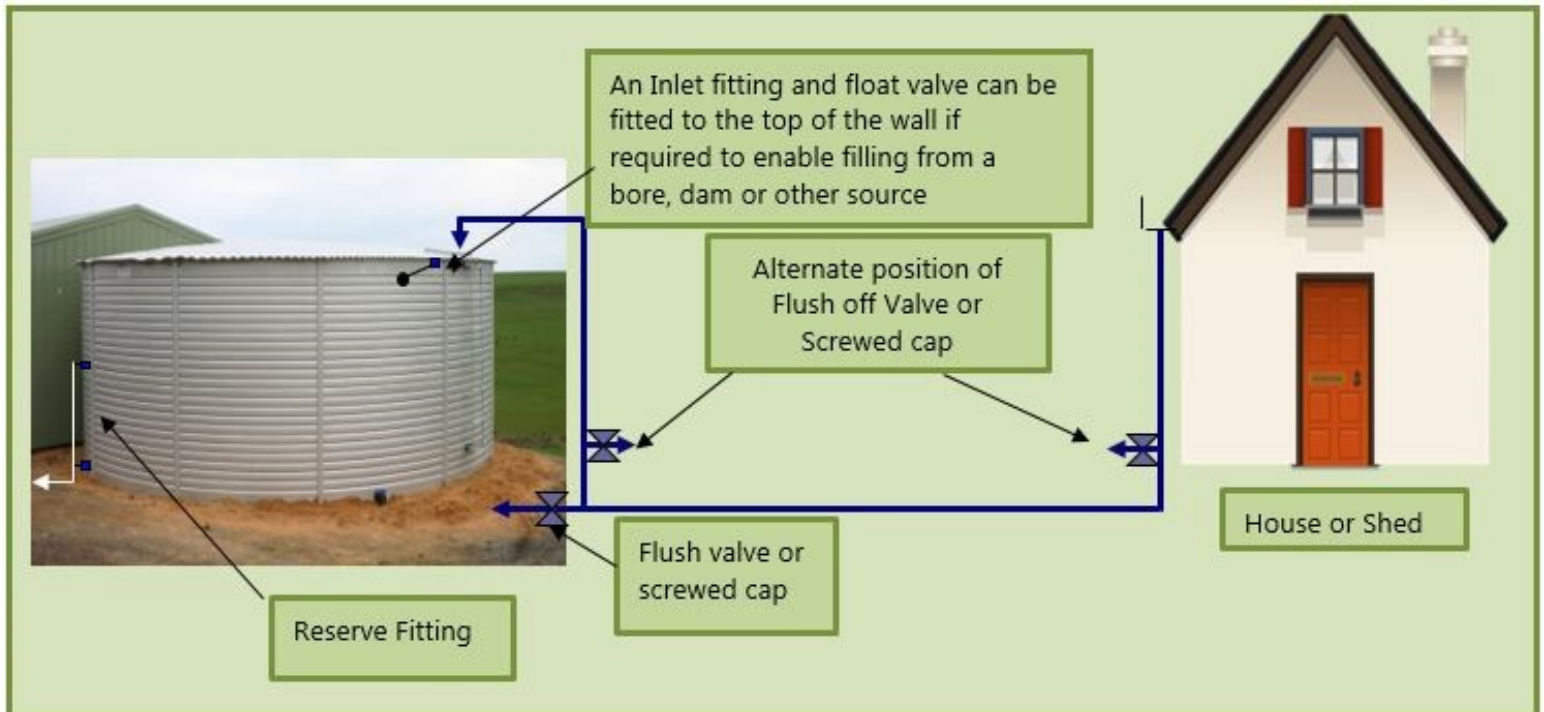
Our Rainsaver Cap roof gutter system is the best and healthiest way to harvest rainwater from the roof of your tank. It provides an efficient way to harvest and screen the rain water that falls on the roof of your tank. It eliminates the potential health risks and maintenance issues associated with the other tank gutter systems where the leaves and debris on the roof are washed directly into the tank thereby contaminating your fresh water supply.



Optional Accessories

Reserve Fitting on Tank

Adding an extra valve will prevent the total loss of water in the event a pipe breaks or there is another incident away from the tank. When the water level is well above the reserve fitting, you can turn off the bottom valve and run the tank off the top valve to control the amount of water lost in the event of a burst pipe or similar.



Colour Options

PIONEER WATER TANKS STANDARD COLOUR RANGE



PIONEER WATER TANKS NON-STANDARD COLOUR RANGE



Tank Pad Requirements

Tank pads are to be constructed at least **one** metre wider than the tank diameter and at least 100mm thick, on the completion of tank installation a gravel perimeter needs to be spread around the perimeter of tank at least 100mm and .5m around the tank to help prevent erosion and rabbits burrowing.

Please ensure that the base is clean and free of sharp objects as the liner comes into direct contact with the blue-stone dust. A **level** tank pad is important for installation and the ongoing use of your new tank.

We can arrange your tank pad installation and gravel if required at the time of tank installation. Tanks can be installed on a concrete pad if required, but additional materials are required at extra cost, so please let us know if your tank will be going on a concrete pad before order is placed.

Please phone our office with any questions as incorrect pads can incur extra charges to rectify





Specialised Tank Services

Confirmation Forms

Terms and Conditions

Send to sales@waterstorage.net.au



PO Box 322, WENDOUREE VIC 3355 • phone (03) 5334 6688 • fax (03) 5334 6687 • sales@waterstorage.net.au
PROVIDING QUALITY SOLUTIONS TO YOUR LIQUID STORAGE NEEDS

Confirmation of Order

Contact Information

Customer:	
Name/ Company:	
Position:	
Phone Number/s	
Email:	
Postal Address:	
Post Code:	
Site contact	If the details are the same as above, ignore the site contact section
Name	
Phone number:	
Email:	
Installation Address: (Please include map if required)	
Post Code:	
Person responsible for payment	If the details are the same as above, ignore the site contact section
Name:	
Phone:	
Email:	

Tank Details

Please confirm the tanks with any optional accessories of the Pioneer Water Tank that you have ordered:

Quantity:		Size: (eg. GT60)	
Tank Colour (eg. Zincalume)		Roof Colour if different	

Additional accessories: To add more accessories, please tick one of the boxes below for us to provide a quote:

Optional Accessories

50mm Poly (\$131) <input type="checkbox"/>	Superseal & Condensation Strips <input type="checkbox"/>	Extra 50mm Poly Inlet (\$80) <input type="checkbox"/>
50mm Brass (\$218) <input type="checkbox"/>	Levetator Level Indicator (\$192) <input type="checkbox"/>	CFA Fitting Type: <input type="checkbox"/>
65mm Brass <input type="checkbox"/>	Scour Drain 50mm PVC Outlet (\$139) <input type="checkbox"/>	Reserve Fitting 50mm Poly (\$131) <input type="checkbox"/>
Other: <input type="checkbox"/>	Rainsaver Caps <input type="checkbox"/>	Other: <input type="checkbox"/>

Installation

Preferred day and date for installation of your tank:

If you do not require your tank immediately do you have an estimated time frame for installation of your tank

Sand Pad Details

No	Item	Circle relevant option
1.	Do you require STS to prepare the sand base for your new Pioneer Water tank?	Yes/No
2.	Do you understand the sand pad needs to be; 1. 1m wider than tank diameter and 2. 100mm thick and level	Yes/No

Site Details

No	Item	Circle relevant option
1	Is an induction required on site, or online?	Yes/No
2	Is PPE (personal protective equipment) required? Please Specify	Yes/No
3.	Do you require a copy of our insurance documents on the day or prior?	Yes/No
4.	Is POWER available on site? If Yes, approx. how many metres away	Yes/No
5.	Is solid ground into the site available?	Yes/No
6.	Is there vehicle access, for a one tonne 4x4 ute, right up to the tank pad?	Yes/No
7.	I understand additional charges may be incurred if direct access to the tank pad is not available/inhibited in any way (if you're not sure give our helpful staff a call)	Yes/No
8.	I understand that there may be an additional charge for tank pads that are not complete or are not correct when S.T.S. arrive on site please call office if in doubt	Yes/No
9.	I understand that I am responsible to ensure that at least 200mm of water is placed in the tank upon completion as required for the warranty	Yes/No
10.	Do you consent STS to use an image of your tank on social media	Yes/No
11.	We are happy for a Pioneer gate sign to be placed on property boundary by STS Installers.	Yes/No
12.	Other comments or information that may help the installation team:	Yes/No

Agreement details

On completion of the installation, I understand that ALL RISK passes to myself. Title of Ownership remains with Specialised Tank Services until payment in full has been made. If payment is not made as per the "Payment Terms" or the payment method/s are declined, Specialised Tank Services is hereby irrevocably and unreservedly authorised to enter onto the subject property and use all reasonable methods to take possession of all the subject goods without liability for tort or trespass, negligence or payment of any compensation whatsoever. I understand and agree;

Signature:

My method of payment on the day of installation will be:

Direct Deposit:	<input type="checkbox"/>	Bank Cheque:	<input type="checkbox"/>	Personal Cheque:	<input type="checkbox"/>	Credit Card (fee applies)	<input type="checkbox"/>
Signature:				Print Name:			
Position in Company (if relevant):							

Confirmation of Order

Map for Location of Accessories

Please note:

This only needs to be completed if you can NOT make it on the day of installation

You only need to mark off items ordered with your tank

Please mark in the following (if relevant) in the boxes on the tank diagram below:

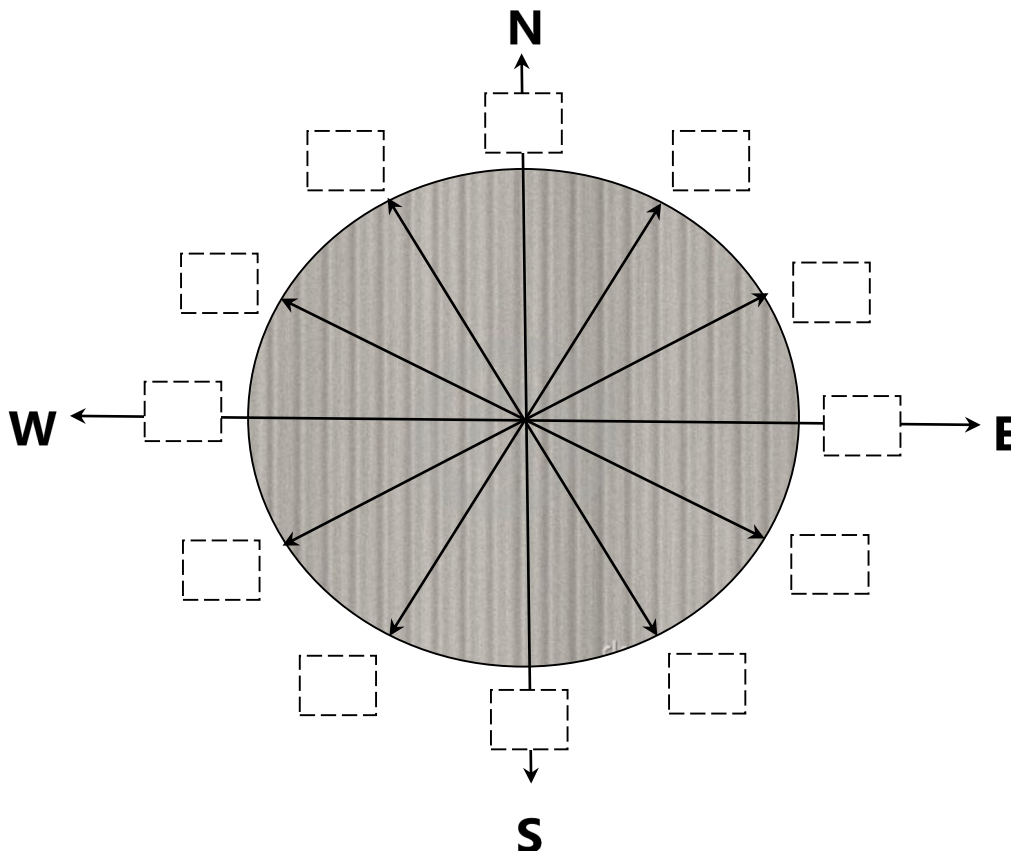
Manhole and Ladder- M

Leaf Filter- L

Outlet and Valve- O

Overflow- O/F

Please also indicate the location of any buildings or landmarks, fences, etc.



Vehicle and Site Access

Ideally our installers should be able to drive up to the tank pad without any barriers or buildings to inhibit direct access. Additional charges may be incurred if we are not informed of access issues to the site and/or tank pad, or additional time and labour is required to get the materials safely from our vehicles to the tank pad. As we use four wheel drives most situations can be overcome.

Position of Accessories

It is very important for ease of installation that our installers know where you would like your accessories. Sometimes the obvious position is not the right position. If you will not be present on the morning of installation, or you would like us to know prior to arrival, I have attached a plan for you to fill in and send back to us.

Water

Pioneer Water Tanks require that you place a minimum of 100 - 200mm of water in your water tank upon completion of the installation. This is a warranty condition and will also prevent tank movement in the event of high winds.

Order Process & Payment Terms

Please ensure that you indicate on the attached form when you will be ready for the installation of your tank.

STS require the attached Confirmation of Order Forms to be signed and returned to us ASAP.

1. **Deposit Option 1** - 10% deposit is required to hold price if you DON'T require your tank delivered for more than 6 weeks. Then The 40% progress payment must be received and cleared 5 weeks before the despatch date.
2. **Deposit Option 2** - If your order is required as soon as possible, please return your paperwork and a 50% deposit,
3. STS must receive digital photos of the sand pad (unless STS are installing your pad) before close of business the day prior to your scheduled installation date.
4. Final payment of the balance, with any extras, will be invoiced by STS and required on the day of installation.

Please note: the water tank remains the property of Specialised Tank Services until full payment has been received and cleared by us. Direct deposit is our preferred payment method. If paying via cheque (preferably bank cheque) please make cheques payable to Specialised Tank Services. Our bank details for direct deposit are:

Bank: Bank of Melbourne

BSB: 193 879

Account No: 124 562 419

STS can also take orders over the phone VISA or MASTERCARD payment, this will incur a small fee.

If you cannot make the payment on the day, please ensure that you make a prior arrangement with us.

Specialised Tank Services

STS provides a range of other services, including rejuvenation of concrete and galvanised water tanks, liners, tank roofing and galvanised steel bands. STS can also clean and disinfect your water tanks with our modern vacuum and pressure washer unit without damaging the tank liner. We also supply new poly tanks and a range of tank accessories. You can find our website at www.waterstorage.net.au. We look forward to providing you with a quality water storage solution that meets your requirements.



Thank you for taking the time to read our comprehensive brochure.

If you have any questions after reading this, please contact our friendly staff to discuss any specific requirements.

For further information, please visit our website:

www.waterstorage.net.au

Specialised Tank Services

Ph: (03) 5334 6688

Fax: (03) 5334 6687

Email: sales@waterstorage.net.au

Sulky, Victoria

P.O Box 322 Wendouree VIC 3355

Don't forget to like us on Facebook!

www.facebook.com/specialisedtankservices

