

PRODUCT SPECIFICATION

500L

Manufactured: ADL

2024

The Latest Innovation In Rainwater Tank

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500L

The 500 Litre Thintank is 1200mm in height. It is the smallest and most versatile water tank amongst the Thintanks range. With its compact size and appearance, it is great for under window sills and can be joined together to increase capacity.



Length 1200mm
 Width 400mm
 Height 1200mm
 Weight 42.5kg



Available in 12 colours:



DISCLAIMER
 Actual colours may vary. We try extremely hard to ensure our photos are as life-like as possible, but please understand the actual colour may vary slightly from your monitor. We cannot guarantee that the colour you see accurately portrays the true colour of the product.

Thinpots Vertical Garden:



Thinpots Series 2:



Connector Hook2

500L Vertical Garden

Total no. of Rows	3
Pots per Row	4
Total No. of Pots	12
Total No. of Connectors	9

Fittings (Inclusion)

1 x 200mm Inlet Strainer (L)	
1 x 90mm Overflow fitting	
2 x 25mm Brass Outlet	
1 x 25mm Ball Valve	

Brackets

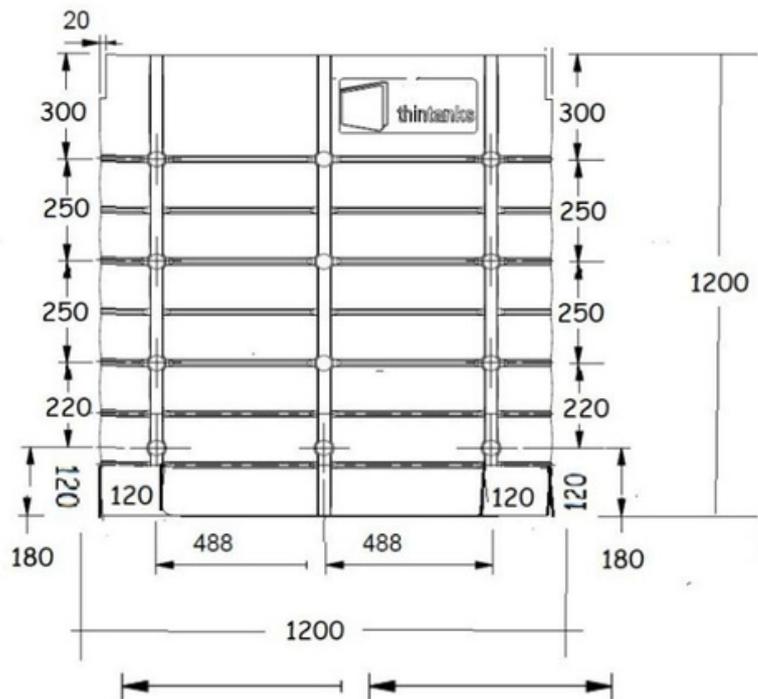
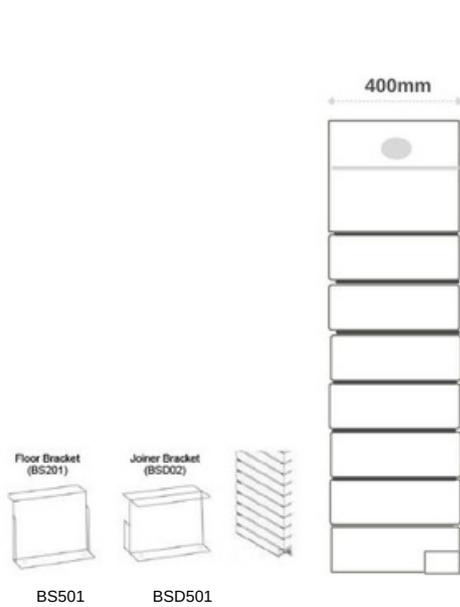
BS501 - Floor Bracket	
BSD501 - Joiner Bracket	

*Brackets - additional cost apply



500L Thintank

MODEL/SIZE	TT500
Capacity	500L (132 gallons)
Material	Polyethylene (LDPE)
Material Grade	Food Grade, UV Stabilised
Length	1200mm
Width	400mm
Height	1200mm
Weight	42.5kg (empty)
Shape	Modular
No. of Inlets	1 x 200mm (left side)
Fittings inclusion	Ball valve, inlet strainer, overflow flange
No. of plugs	24



Product Specifications

Due to the variable shrinkage rate of polyethylene, the product dimensions and capacities listed here are approximate. Naturally occurring pigment variations in raw materials may also cause some variability in colour shades. While we are trying to come as close to the advertised shades as possible, we are unable to guarantee exact tank colour matches. Due to ongoing improvement and innovation, product details, design and specifications are subject to change without notice.

Product Suitability

The product recommendations used in this brochure are intended only as a guide. While we make every effort to accurately represent the suitability of our products for a variety of uses, every situation may be unique and require additional investigation when necessary. Thintanks holds the right to change equipment and product accessories in line with ongoing developments and product supply.



500L Installation

THINTANK INSTALLATION

It is important for tanks to be installed on a SOLID AND COMPLETELY LEVEL SURFACE. Brackets are recommended to ensure tank(s) cannot be accidentally pulled over by human effort.

500L -Single Tank

(1200mm x 400mm x 1200mm)

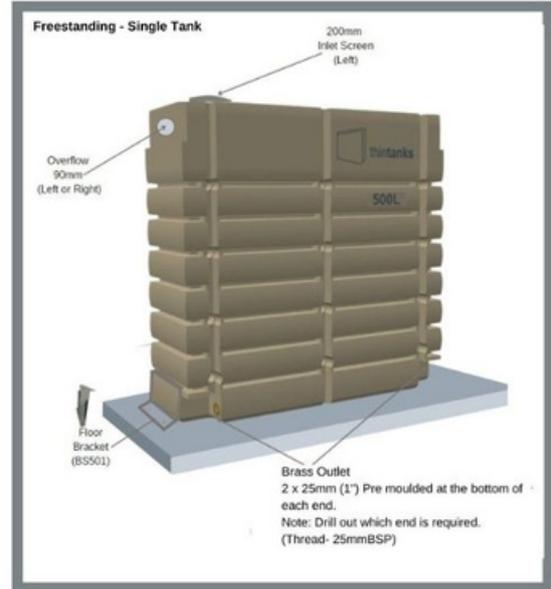
Preparing the base

- Form and pour a 100mm thick concrete slab, with 100mm overlap on ends.
- Use F82 fabric placed centrally 75mm above the prepared surface.
- Use a carpenter's level to make sure the concrete surface is level across the width.

Securing the tank

- Position the tank on the prepared base and fix it to the ground using bracket BS501 on each end.
- Use dynabolt to secure the bracket

*Brackets are recommended to ensure the tank cannot be accidentally pulled over.



500L - Multiple Tank(s)

(1200mm x 400mm x 1200mm)

* With multiple tanks use bracket BSD501 and Tank to Tank connection kit between tanks

Preparing the base

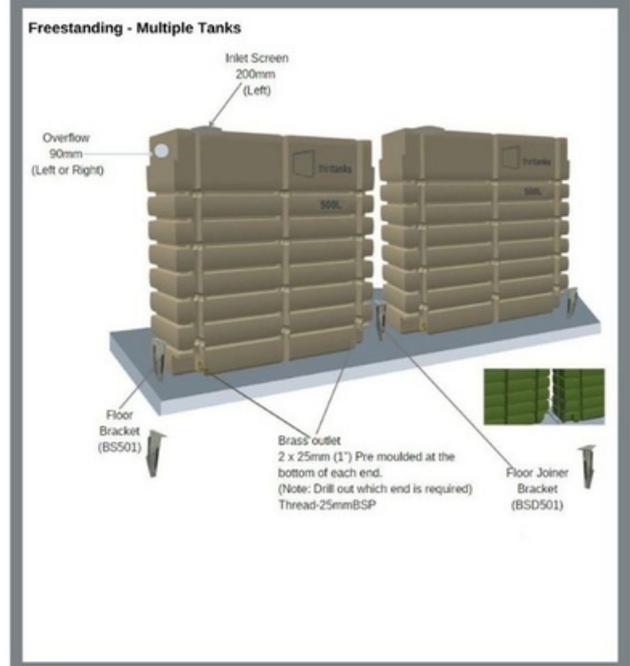
- Form and pour a 100mm thick concrete slab, with 100mm overlap on ends.
- Use F82 fabric placed centrally 75mm above the prepared surface.
- Use a carpenter's level to make sure the concrete surface is level across the width.

Note: When installing on an existing pavement. Make sure that the pavement is level.

Securing the tank

- Position the tank on the prepared base and fix it to the ground using bracket BS501 on one end.
- Attach the blue line coupling to each tank. Insert blue line to installed tank and wrench-tighten to secure.
- Place the joiner bracket (BSD501) on the other end of the first tank and secure it to the ground using Dyna bolts.
- Slide the second tank into position easing the pipe into the second tank coupling.
- Once fully seated, the tanks will sit almost flush, and the fitting can be wrench-tightened to secure.
- Install the BS501 (end bracket) on the other end of the second tank and finish the installation

*Brackets are recommended to ensure the tank cannot be accidentally pulled over.



Multiple tanks connection fittings



2 tanks connected with tank to tank connection kit

IMPORTANT:
Thread tape should be used on all couplings and ball valves.

Brackets



BS501

BSD501

Fittings



- Drill out whichever end is required to put the ball valve
- Install the downpipe into the inlet pre-fitted with leaf strainer.
- Install overflow pipework and plumb away from tank base or into storm water

height tap(if required)

Note: For multiple tanks, inlet and overflow must still be connected to the same tank.

WARRANTY Thin Tanks warrants its tanks by a pro-rata warranty for 10 years from the original date of purchase. This warranty covers the original purchaser only and is not transferable. Thin Tanks will repair or replace, at their discretion the tank affected by a defect caused by the manufacturing process or materials. Fading or colour change, damage caused by accidents or misuse, do-it yourself repairs or incorrect installation, and any subsequent costs (including freight of replacement tank) are not covered by warranty.

Thinpots New -Series2



ThinPots are specially designed to hang on the front of your ThinTank to create a unique Vertical Garden System. The ThinPots clip directly onto an irrigation pipe, which allows each pot to be watered direct from the tank, and each ThinPot features handy drainage holes. The options are endless when it comes to turning your tank into a garden!



The 500L Thintank can hold 12 Thinpots and can create a perfect minimalistic vertical garden that you will enjoy.

4 colours to choose:



Slate Grey



Monument



Merino



Surf Mist

DISCLAIMER

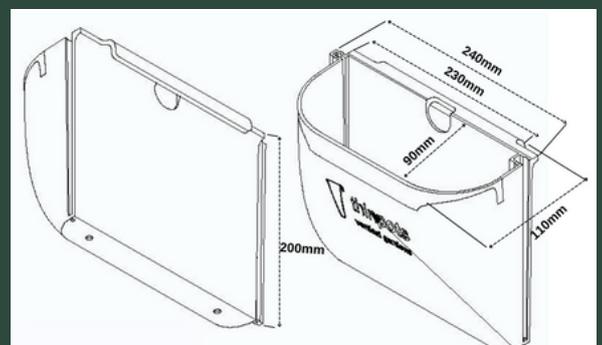
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Vertical Garden - Thinpots S2

1 row x 4 Thinpots

2 rows x 8 Thinpots

3 rows x 12 Thinpots



THINPOTS INSTALLATION GUIDE

SERIES 2 - NEW DESIGN

This Thinpot Vertical Garden System has been specifically designed to suit the 1333L, 2000L, 2000L Fat, 3000L and the 4000L Thintanks

1. REPLACE THE WALL PLUGS

The Thinpots are hung on the face of the tank by removing the existing wall plugs and inserting the Thinpot adaptor plugs parallel to the horizontal channels in the tank by using a rubber mallet.



2. CLIP THE POLY PIPE

Then clip 13mm black poly pipe onto the adaptor plugs. The poly pipe should be cut off 20mm past the last adapter hook each end.



3. STOP END, BARB ELBOW, BARBE TEE & RATCHET CLAMP

For a single row of pots a stop end should be fitted with a ratchet clamp at both end of the poly pipe.

For multiple rows a barbed elbow or a barbed tee fitting should be fitted into the poly pipe

All connections should be fitted with a ratchet clamp using multi-grip pliers for either self-irrigation system or manual watering.



4. JOINED AND HANG THE THINPOTS

Clip the 2 Thinpots together. The Series 2 Thinpot is designed to be joined in groups of two between the adaptor plugs. There is a male/female on the end of every Thinpot. Simply join the pots by sliding the male channel into the female channel. Once the two pots are joined together, hang on to the poly pipe.



FOR HAND WATERING, GO TO STEP 8

5. PUNCH HOLES

If you are using an irrigation system then now is the time to punch holes in the poly pipe centrally located in the cut out in the rear of the Thinpots.



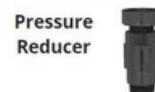
6. EMITTER

With the holes punched in the poly pipe, hold the pipe firmly in one hand and push the barbed end of the emitter into the hole (often makes a click once inserted)



7. PRESSURE REDUCER

If you are using an irrigation system then a pressure reducer must be used unless using a low energy consuming pump.



8. FILLING

The Thinpots can now be filled. They must be filled of at least 1/3 with coconut fibre or a similar product and then the rest potting mix (this will stop the potting mix falling out, allow for a free flow of surplus water and also to limit the weight in the pots). Once filled insert your chosen plants



POINTS TO NOTE

- ALL CONNECTIONS MUST HAVE A RATCHET CLAMP
- THINPOTS MUST BE FILLED WITH A MINIMUM OF 1/3 OF COCONUT FIBRE (SIMILAR PRODUCT)
- IF USING AN IRRIGATION SYSTEM THEN A PRESSURE REDUCER MUST BE USED

Note:

We supply Thinpots and connectors only.

All others accessories can be purchased from hardware or irrigation suppliers.

For more information, visit us on our website:

www.thintanks.com.au

Follow us:



Now its time to enjoy your Vertical Garden!!!

