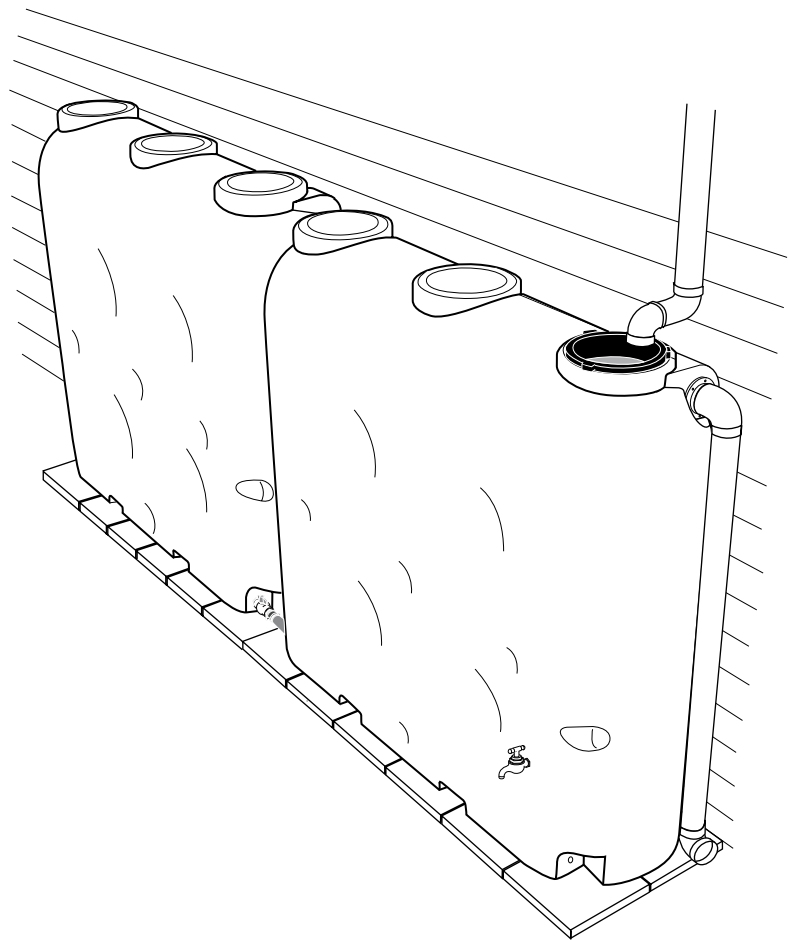


WATERWALL
rainwater tanks

www.waterwalltanks.com



Installation guide for
WATERWALL FATBOY 650G
rainwater tank

THIS BIT'S IMPORTANT...!

READ THE INSTALLATION INSTRUCTIONS AND WARRANTY TERMS before you begin to ensure you do not void your warranty, and to make sure your tank is safely installed for long term use.

The tank weighs over 2.8 ton [5643 pounds] when full - it must be installed on a **solid, level base** that won't subside or wash away over time.

Drill out the tap outlets you want to use **BEFORE** installing the tank. See inside for details.

When linking tanks install the inlet and overflow in the same tank.

If linking tanks on different levels - stepping downhill - do not link via the bottom outlets. See inside for details.

Check all relevant authorities for regulations or codes relating to building, rain harvesting and storm water runoff on your property.

Consider access to the tank when choosing the position - you will need to run water into the tank from a catchment area [roof], overflow excess water to a suitable place, and access the tank for maintenance.

WHAT IS SUPPLIED...

- 12" Inlet strainer
- 3" flanged overflow outlet
- Rubber gasket for overflow outlet
- Rubber ring for overflow outlet
- Threaded 2" bung
- Screws to secure inlet and overflow
- Installation guidelines

WHAT ELSE YOU NEED...

- Spirit level
- Jigsaw or keyhole saw
- Construction materials for the base
- A drill
- 1" paddle bit and 3/4" paddle bit
- Screwdriver or drill with screw attachment
- Step ladder
- Plumbing pipe and pipe connections to suit your site
- Taps or pumps to suit your requirements
- At least two people to move the tank



TIP : If linking tanks, install the inlet strainer and overflow in the **same tank** - if water can't flow through to the overflow quickly enough it may flood out the inlet strainer.

PREPARE THE BASE

It is important that the Fatboy is installed on a solid level base to ensure it is stable when full, and contains the full capacity.

Each Waterwall Fatboy you are installing requires a LEVEL area at least 8' long by 32" wide.

- EITHER** Pour a concrete slab to the required size which is at least 4" thick.
- OR** Install level concrete tiles on a compacted base along the length and depth of the foundation; make sure that there are no gaps between the tiles.
- OR** Using external grade hardwood, prepare a solid wooden frame to the desired size. Fill with 4" of compacted builders sand or finely crushed rock.

STEP BY STEP

Please consult a qualified installer or plumber if you are not confident installing the plumbing for your Waterwall Fatboy tank.

Position the tank ensuring the front [with the tap outlets] is accessible.

Cut out an inlet hole in the top of the tank - there are three inlet positions with indicator rings in the top as a guide for cutting the hole.

Cut out the overflow hole in the end of the tank using a jigsaw or keyhole saw; cut around the INNER ring to use the 3" outlet supplied, or the outer ring to use a 4" fitting.

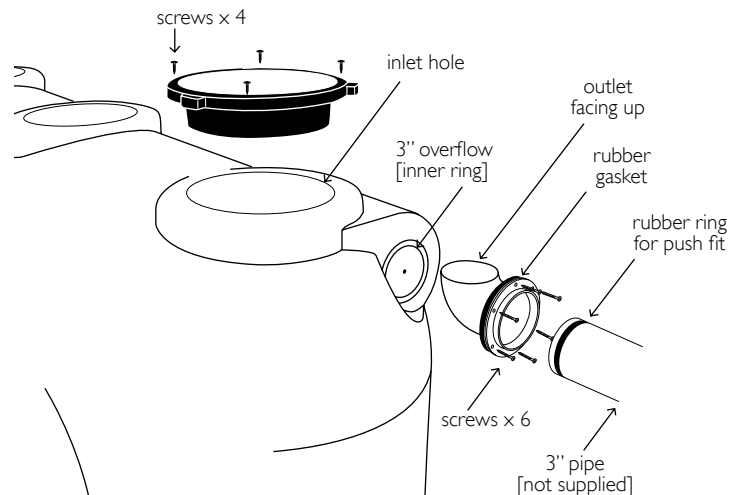
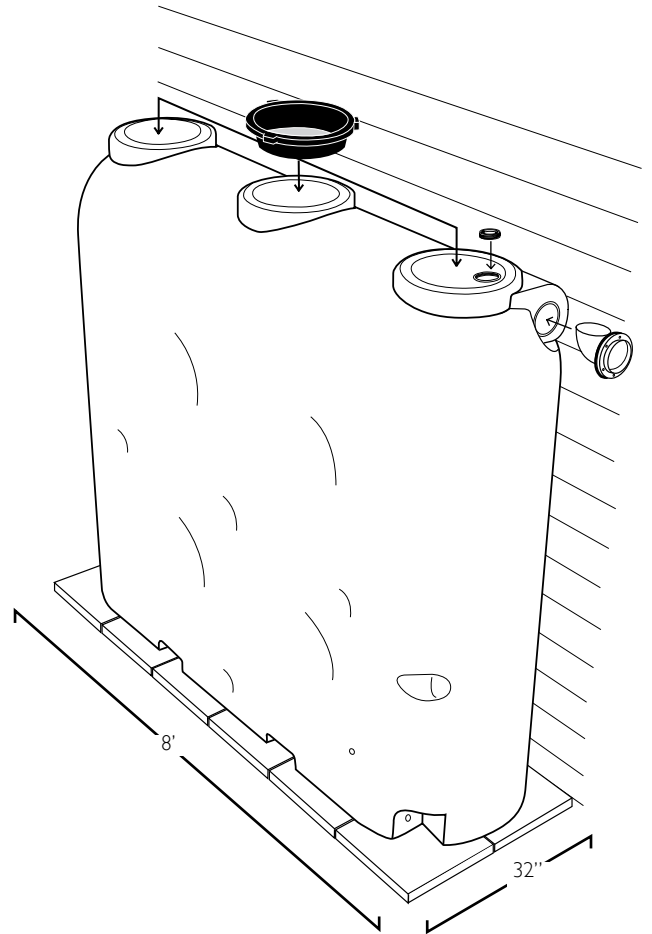
Insert the overflow into the tank pointing upward and screw into place. The screws go through the rubber gasket, sandwiching it between the overflow and the tank.

Stretch the **rubber ring** around the end of the 3" pipe before pushing into the overflow fitting. Do not glue the pipe onto the overflow outlet - the push connection will be tight enough, and this will allow you to easily remove and service the outlet. Ensure the weight of the pipe is supported so that it is not dragging on the outlet, or may move over time.

Install the inlet strainer, screw into position using the four screws provided.

Screw the **bung** into the threaded hole in the top of the tank. [if you have cut out the right hand inlet position you can skip this step]. Do not leave the bung hole open as it may allow entry to mosquitoes and vermin. See overpage if linking tanks.

Modify an existing downspout running from the roof guttering, directing it into the inlet strainer. You may also want to install other filtering devices, such as a rain head or first flush diverter.

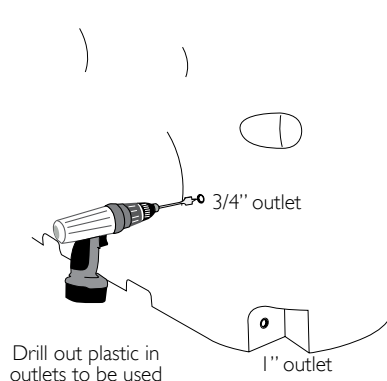


INSTALL OUTLETS

Drill out the plastic blanking the outlets you wish to use.

You will need a 1" paddle bit for the **lower outlets** in the ends which can be used for a pump or hose, or for joining tanks using a Waterwall Joiner Kit. Use 1" fittings on these outlets.

You will need a 3/4" paddle bit for the **higher outlet** on the front, which can be used for a tap. Use 3/4" fittings on this outlet.



INSTALL LINKED TANKS

If you have more than one Waterwall Fatboy, you will need a Waterwall Joiner Kit for every tank except one - ie: 3 x Fatboys require 2 x Joiner Kits. Detailed instructions are included with the Joiner Kit.

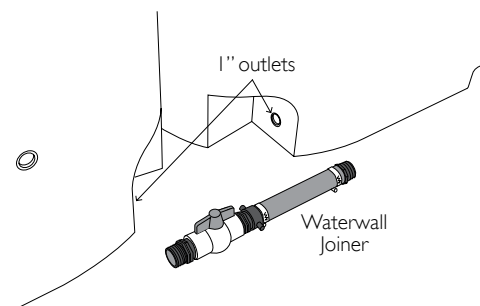
Install and join each tank in sequence.

Before positioning the Fatboy tanks, **drill out the lower outlets** required in each tank for the connection hoses using a 1" paddle bit.

If your tanks are not positioned right next to each other, replace the hose in the joiner with longer hose.

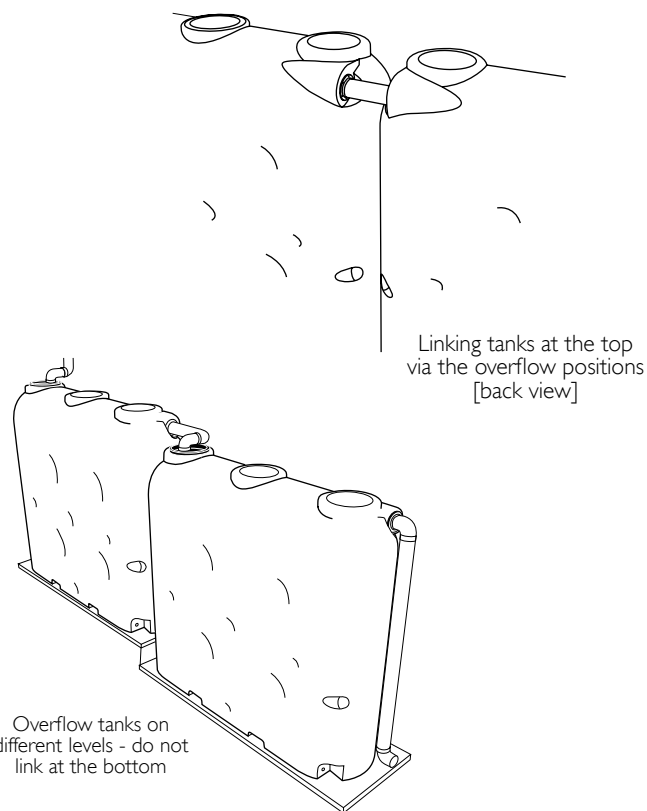
Position the tanks, screw the gate valve into one of the tanks; screw the hose section into the other. Connect the hose to the gate valve [with the swivel connection end of the hose].

Screw the **air vented bung** into the bung hole in the top of the linked tanks [not required in the tank with the inlet strainer]. Not venting linked tanks will void the warranty.



If you are in an area that experiences heavy downpours, you may want to **link the tanks at the top** as well as at the bottom - you can do this via the overflow positions using standard flange fittings and a section of straight pipe. This will ensure water rushing into the inlet tank can flow through to the linked tanks before overflowing.

If **linking tanks on different levels** overflow higher tanks into lower tanks. **DO NOT** link via the bottom connections as the additional pressure may damage the lower tanks and void the warranty.



Check the following items regularly, particularly before and after first rains of the season, or any extreme weather events.

Roof catchment – check roof and flashings for debris or loose parts. Remove branches overhanging gutters.

Gutters and downspouts – clean gutters, removing leaves and debris. Check for holes and leaks.

Clean **leaf guards** and mosquito screens on **rain heads**.

First flush diverter and **filters** - remove rubbish collected in any filtering devices. Clean and flush out filters, check operating correctly.

Inlet and overflow – clean inlet strainer and overflow throughout periods of rain, keep free of debris.

Pumps and taps – check for signs of leaks. Tighten fittings or use anti-leak plumbing tape to ensure a tighter fit.

Check for signs of **mosquitoes** and **larvae** - adding a layer of liquid paraffin to the water will suffocate larvae. Find and close gaps which may allow entry of mosquitoes.

Tank **footings** and **fixings** – check structural integrity.

Monitor **water quality** – it should be relatively clear, with no taste or smell. If sediment level is high you may need to drain and flush out the tank with a garden hose.

Freezing - as with all water tanks, the Waterwall Fatboy should be emptied and the outlets left open during periods of freezing temperatures.

WATERWALL DESIGNS LLC LIMITED WARRANTY

Waterwall Designs LLC [hereafter “the manufacturer”] extends a limited warranty to repair or replace, at our option, any defect or fault in our water tank products caused by our own manufacturing process for a period of two years, provided that the product has been installed in accordance with the installation instructions provided by the manufacturer.

- 1 The Limited Warranty applies to the one piece polyethylene structure of the tank and the molded-in inserts (referred throughout this Limited Warranty document as the “Product”), and does not apply to the fittings such as but not limited to the strainer, outlet, valve, tap, overflow, or any other fittings, accessories or ancillary components.
- 2 The warranty is granted to the original purchaser and is transferable to any heirs or successors in title. The warranty will become null and void if the Product is relocated from the original property, as damage may occur through incorrect handling or transportation.
- 3 The warranty period of two [2] years for the Product commences from the date of purchase.
- 4 The manufacturer will not be liable for any consequential losses including loss of profits or damage to property.
- 5 The warranty does not apply to the Product color which may vary in intensity or hue.
- 6 The warranty is void and will not be binding upon the manufacturer in the event of abuse, improper installation, unsound footing support, or unauthorized modifications made to the Product.
- 7 The warranty is void and will not be binding upon the manufacturer if the Products are not sufficiently air vented.
- 8 This warranty does not cover damage to unsecured Products, or damage caused during transport or installation.
- 9 Replacement will be carried out to standard installation levels as indicated in the installation guidelines. Costs incurred during replacement due to access requirements or non-standard installation are not covered as part of this warranty.
- 10 The manufacturer must be notified of any defect or fault within seven [7] days of it occurring and given the opportunity to inspect the tank within 28 days of such notification, otherwise the warranty is void. Inspection must be made before any third party repairs are undertaken or the warranty is void.
- 11 The Limited Warranty does not apply to Product damage due to freezing.
- 12 Storage of any material other than water will void this warranty.
- 13 The warranty does not cover loss of stored water due to defect in the Product.
- 14 In the event of war, riot, civil commotion or terrorist activities this warranty is void. The determination and application of this clause is at the discretion of the manufacturer.
- 15 Proof of purchase will be required to enact this warranty.