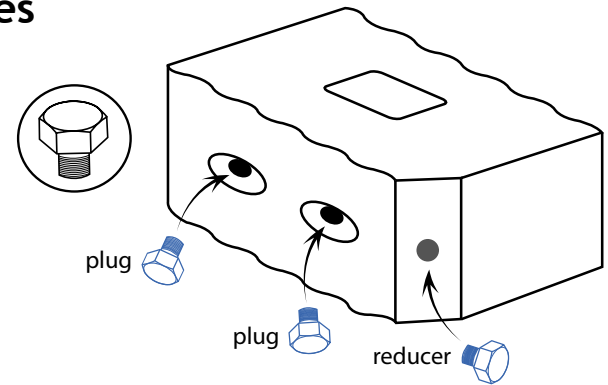


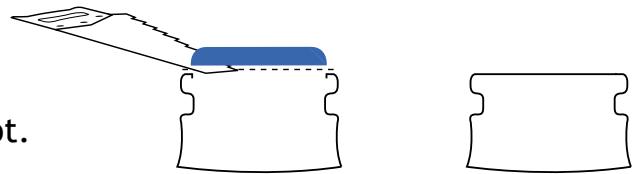
## Step 1 - the base layer

### Prepare the bottom layer modules

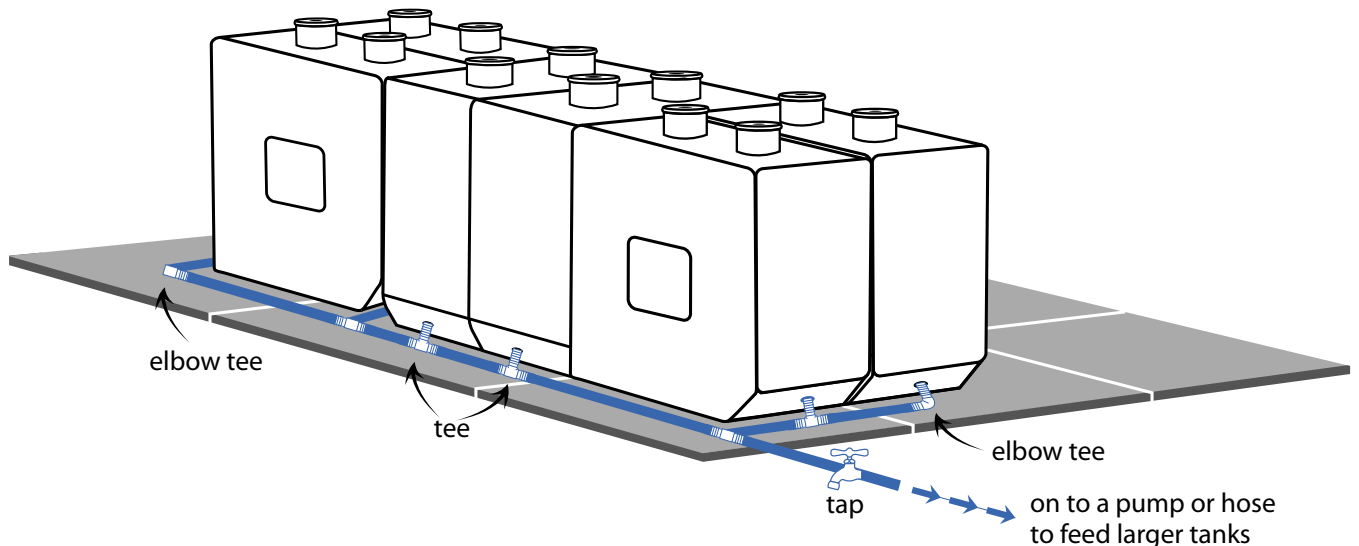
With the provided plugs, reducer and sealing tape, fit as shown.



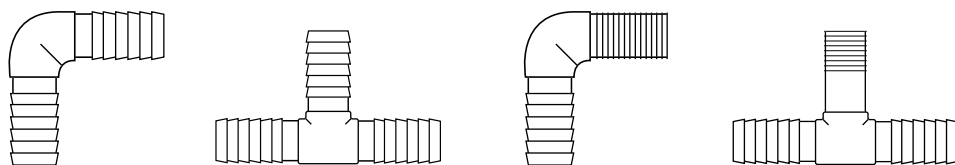
Using a hacksaw or similar fine saw, remove the top of one only transfer spigot.



Arrange the first layer of Modtanks on a firm level base such as concrete pavers or slab. Allow a 25mm space from any wall.



Using 15mm/19mm threaded/barbed elbow and tees and barbed 19mm elbows and tees, join all the outlets as shown.

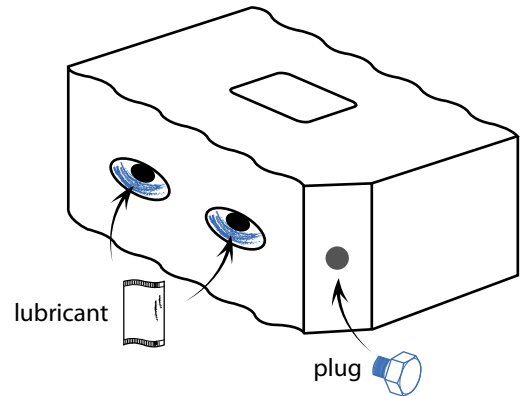


# Step 2 - stacking the modules

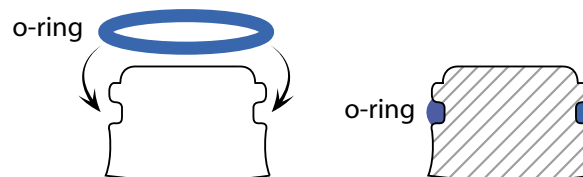
The Maximum Stacking Height for Modtank is **four (4)** layers only (2050mm). Hydrostatic regression testing simulating a 50 year life has been carried out for a stack 4 high only. Do **NOT** Exceed This.

Apart for the top layer, remove the tops of the transfer spigots as previous.

Using the food grade lubricant provided, smear both the inside walls as shown. Using the sealing tape and the plugs provided, seal off the bottom side outlets.



Fit the two O-rings as shown.



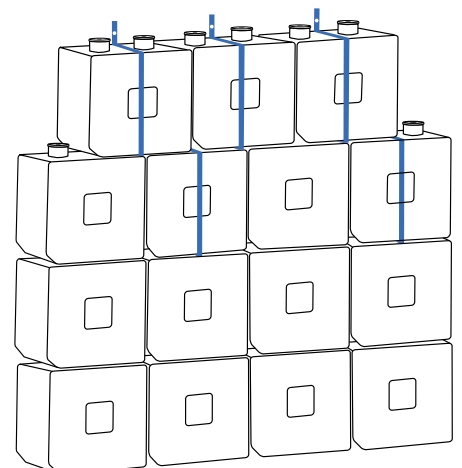
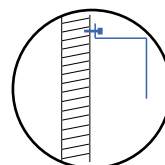
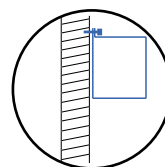
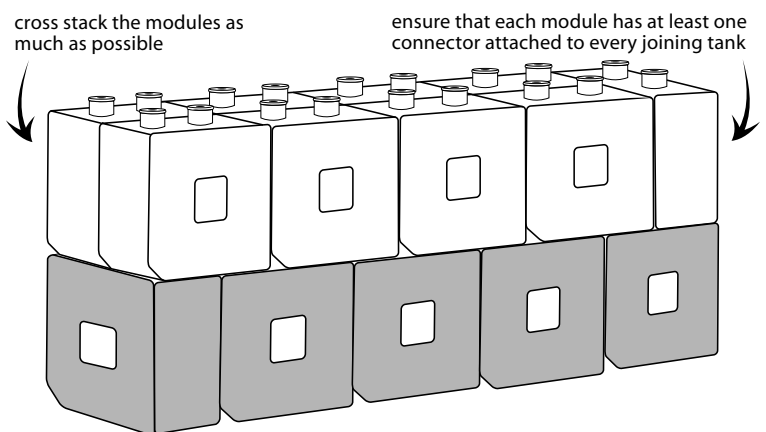
On the top of the bottom layer, cross stack the modules to ensure that each module has at least one connector attached to every joining tank.

When the tank system fills, water will flow to the bottom of one section then rise through the connectors to fill another section and so on. If you can afford the water, add 10 litres to each module after you put it in place.

Cross stacking (like laying bricks) adds stability to the tank structure.

The super slimline configuration has to have the top layer stepped as shown to allow water transfer between the vertical columns of modules.

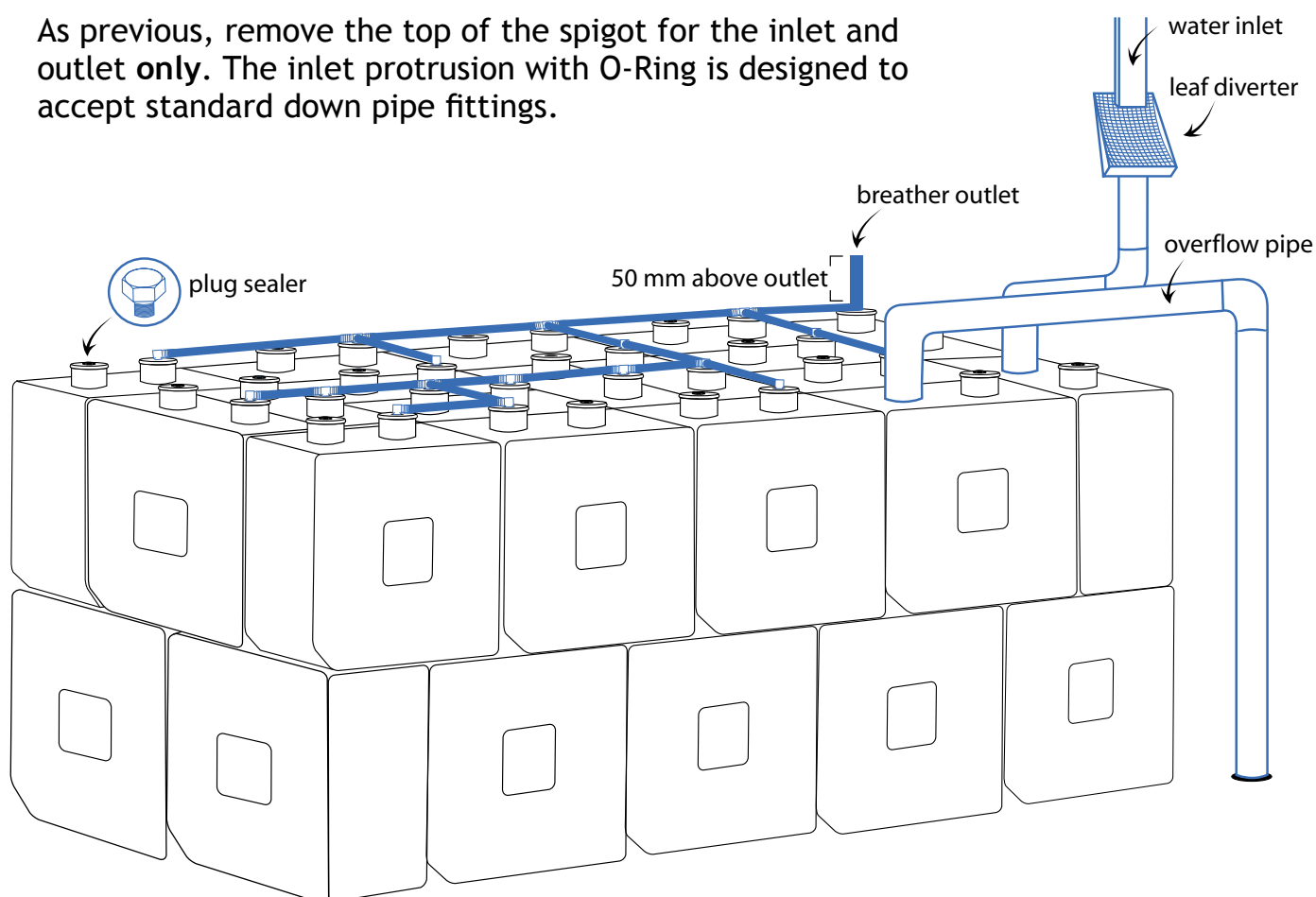
Also as a precaution during high winds when empty, the top rows need to be attached to an upright or wall with galvanized brackets or metal strapping.



## Step 3 - connecting the inlet, outlet and breathers

A leaf diverter with insect mesh must be fitted to the inlet.

As previous, remove the top of the spigot for the inlet and outlet **only**. The inlet protrusion with O-Ring is designed to accept standard down pipe fittings.



Similarly repeat for the overflow back into the down pipe. To keep head pressure to the tank system low, keep the height of the over flow as close to the top of the tank system as possible.

With the exception of the modules with inlet and outlet fitted, 1 breather needs to be fitted to each top module.

Similar to joining the initial outlets on the base layer, connect to each top module.

Ensure that the breather is terminated 50mm above the outlet pipe. Seal all the exposed top holes with the plugs provided.