

# TANK VAC

## INSTALLATION INSTRUCTIONS

**Note: Apply glue to both surfaces to be joined.**

**Pipe carrying water into the tank must be above Tank Vac outlet.**

Allow to become tacky before joining. Wipe off surplus glue.

### PROCEDURE

1. Open the tank hatch or top cover. You will drill your hole for the Tank Vac overflow down from the hatch and place the hole as high as practical on the tank. [ You will need to be able to reach inside the tank through this opening to connect your Tank Vac system to the outlet discharge.]
2. Measure the width of your tank.
3. Take the 2 base pipes with lines of holes, using a joiner link them together and check that they will easily fit across the tank floor. [Allow for the bend.]
4. If necessary shorten the pipes by trimming off an end. If you cut out any holes re-drill the same number and sized holes anywhere in the base pipes.
5. Glue the base pipes together using the joiner. The holes will face downward toward the base.
6. Glue on a 90 degree bend so that it facing directly upward.
7. Into the 90 degree socket glue one of the pipe sections with the socket end upward.
8. Place the other section of up-pipe and your glue on the top of the tank.
9. Take the pipes you have joined and lower them through the hatch into the tank. Join on the next section of up-pipe at this stage.
10. Choose the point where you will drill the hole for the overflow. This should be high on the tank and directly down from the hatch.
11. On a plastic tank use a 98mm hole saw. On a concrete tank use a hole saw 90 to 100 mm in diameter.
12. For plastic tanks take the rubber seal and place this in the hole so that the flange is on the outside of the tank. [Really only goes one way]
13. Push the short section of pipe through the seal. This will join into a 90 degree bend on the inside of the tank.
14. Take the remaining bend with pre-drilled level control holes and a short section of pipe attached and place a joiner on this. Glue after you have the length of the up-pipe correct
16. Now mark the up-pipe where it will need to be trimmed so that it sits on the tank floor and links to the overflow. Remember to allow for the 50 mm that will slide into the socket of the joiner.
17. When cutting the up-pipe it pays to raise the pipe so that it is out of the tank opening. Plastic off-cuts will then be kept from the tank.
18. Trim the pipe coming outside the seal to 50mm and glue the bend with the 800 mm section to this pipe.
19. On the pipe outside the tank is 80 to 100mm fitting. This will link to a flexible pipe which is necessary to carry the discharge. [Not supplied]
20. Remember the Tank Vac unit will create a powerful discharge and this must discharge pipe must have some fall.

# TANK VAC

N.Z.PAT 511142  
546393

## BOX CONTAINS:

1. Flow generator pre-glued to 90° bend
2. Rubber Seal (plastic tanks)
3. Short section of pipe (passes through wall)
4. 90° bend with pre drilled level control
5. Joiner
6. Lengths of pipe, one with bell end
7. 90° bend
8. Joiner
9. 2 pre-drilled base pipes (holes face downward)
10. End cap (pre-glued to base pipe)
11. Glue

