

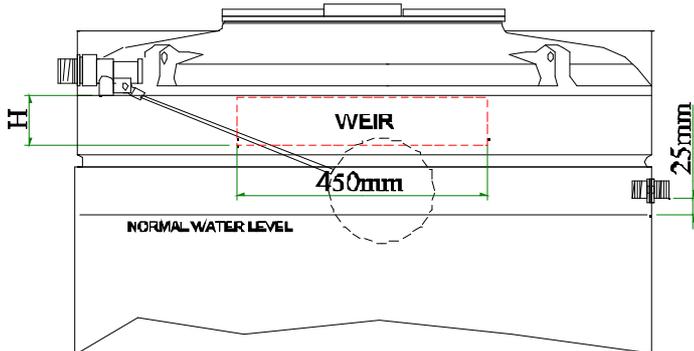
ACCESS POLYTHENE TANK 'AB' TYPE WEIR KIT

Description of kit EWTWEIR

These instructions detail the fitment of an 'AB' type weir kit and associated components to an above ground polythene water storage tank.

Measurements

It is essential **before** any drilling or cutting of the tank structure is done, that the position of all components are double checked (Using masking tape on the tank first and marking component positions on this will make it clearer).



Float Valve (see above diagram)

- The valve would normally be fitted in the raised rib section of the tank.
- Valve outlet point should be at the same level as the top of the weir cutout.
- Mark the valve position on the tank and double check in relation to weir location.
- Drill a hole to suit the valve inlet size ETVB3 (27mm) in the marked position.
- A float valve support bracket must be fitted to the outside of the tank (EWTVSB).
- Fit the valve ensuring it is correctly positioned inside the tank with the outlet facing downwards and all components are fully secure.

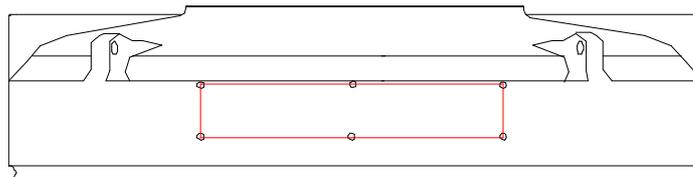
Airgap

The size of the airgap cutout depends upon the inlet pipe OD as follows:

Inlet Pipe Size (PE) (OD)	Weir Width	Weir Height (H)
20mm	450mm	41mm
25mm	450mm	57mm

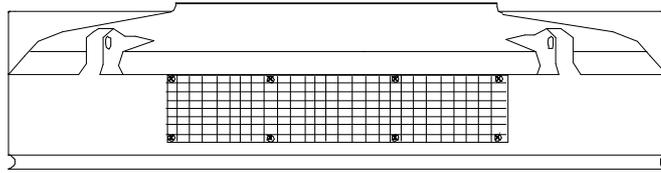
Cylindrical tanks usually have a seam joining the top section to the body. If appropriate Use this for the top of the airgap.

- Position a distance away from the float valve to avoid water splash through the mesh.
- Position away from direct sunlight if possible.



Once the weir position is marked out on the tank check once more that it is at the correct level.

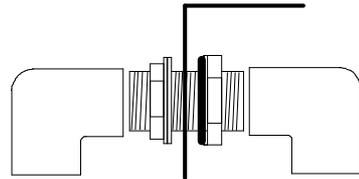
Drill a 10mm hole in each corner/centre and use a jigsaw, multi-cutter or pad saw to join the holes) ensure the edges are straight and ensure all swarf is removed from the edges.



Position the mesh screen and black mesh cover centrally over the cut rectangle. Ensure the overflow edge is unrestricted (use tape to hold in place if necessary). Secure the mesh and cover to the tank using the self-tapping screws provided (TX40 or 4.0mm slotted screwdriver) ensuring the cover is flat against the tank side.

Warning/Overflow Pipe

The overflow will give an early indication of a float valve fault. It will normally be one size larger than the float valve. If using $\frac{3}{4}$ " float valve (ETVB3) and 1" overflow (ETOF4) the distance between the hole centres will be 105mm. Drill a hole to suit the overflow size ETOF4 (33mm) in the opposite side of the tank to the float valve. Remove the connector securing nut and white washer, screw tightly onto the short thread one of the elbows. Leaving the black seal in place push the exposed threads through the hole from the inside the tank and ensuring the elbow is pointing downwards secure using the white washer and backnut. Seal the external threads with PTFE tape and screw on the other elbow ensuring when tightened both elbows are pointing downwards.



Mains Water Supply

Mains water supply should conform to Local Water Authority requirements.

Always ensure that after any drilling or cutting of the tank structure all swarf is removed from the inside of the tank before drawing off any water.

**Irrigation systems should only be
installed by a competent person**

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