



STANDARD PUMP CHAMBER

INSTALLATION INSTRUCTIONS

KEEP YOUR PUMP CHAMBER UPRIGHT AT ALL TIMES. FAILURE TO DO THIS WILL VOID YOUR WARRANTY

The pump chamber is designed and manufactured to specifications for installation above ground or underground.

Please read the following instructions before installation:

- It is recommended that the pump chamber be kept upright during transportation, to stop any of the pipework or pump from moving.
 - If the pump chamber is buried, dig a hole large enough for the chamber to be placed with room for access to the inlet and outlet fittings, and a minimum of 100mm around the diameter of the chamber for clean backfill material.
 - Prepare a level area for the base of the chamber, either above ground or underground, and lay quarry dust or sand on the base approx. 100mm thick.
 - If the chamber is to be completely buried underground, ensure that provision is made so that the screw manhole lid is accessible for future servicing.
 - When the pump chamber is to be buried, it is recommended to use the four tie-down points to secure the pump chamber to at least 2 horizontal ground anchors (minimum 1.5m long each), to ensure the chamber does not move or rise in the ground. (A suitable ground anchor can be made from a 1.5m length of 100mm DWV pipe, filled with bedding material or sand, and capped at both ends.)
 - Use a Uniseal or equivalent to provide a waterproof joint between the inlet pipe and the pump chamber to ensure that the connection into the chamber is in such a way that no stress can be put onto the chamber.
 - Use a Uniseal or equivalent to install a minimum 32mm unrestricted air vent to prevent the pump chamber from coming under vacuum during pump out.
 - Ensure that the pump has not moved in transit, and the ball-float is free to move without touching the pump chamber walls. Remove the transport support pipe from inside the chamber.
 - **IMPORTANT:** Make sure the pump is turned off and fill the pump chamber with water before backfilling to ensure the pump chamber does not move during backfilling.
 - Backfill around the chamber with clean light material. Do not use rocks, stony material or heavy clay.
 - Ensure the lid is properly secured in place to prevent any unauthorised entry.
 - Power will need to be supplied to the pump chamber. All power, including control panels, must be installed in a weatherproof location.
 - **Do not walk on top of the pump chamber, or drive any vehicles within 3mtrs of this tank.**
- Please contact us as below if any concern of floatation or other installation concerns.**