

TANKS DIRECT

01643 703 358

CALL US MON-FRI 8.30PM - 5PM

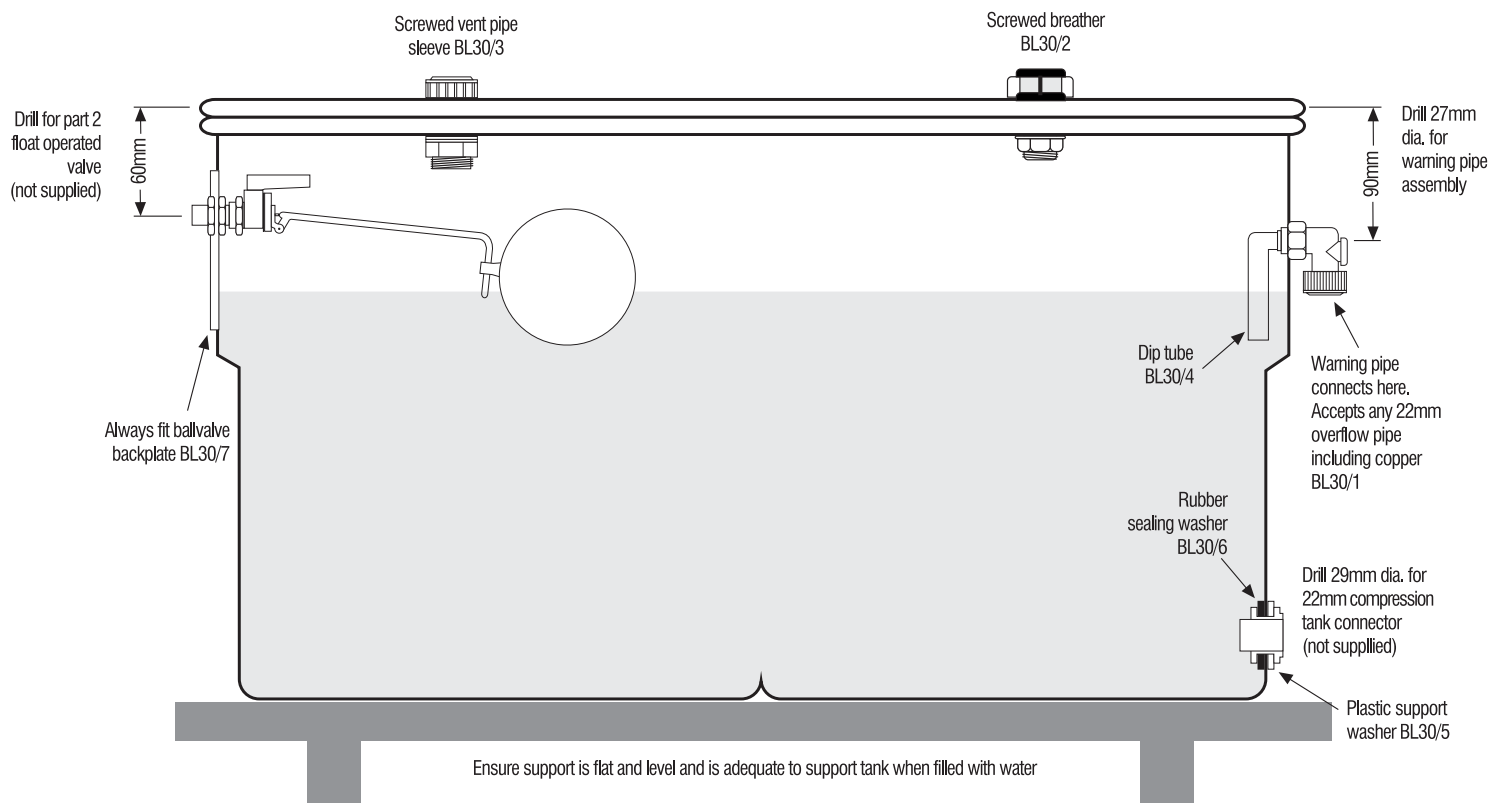
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poly cistern™

fitting instructions

for all plastic cisterns to meet
requirements of
BS4213:2004, WRAS and
current water regulations

These instructions are intended as a guide only and
all installations are the responsibility of the installer
and must be carried out to good working practices
and in accordance with Water Supply (Water
Fittings) regulations 1999.



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HANDLING

All plastic tanks should be handled carefully at all times to ensure long trouble-free life. POLYCISTERNS have been specially designed for strength and look and are very robust but they can be damaged.

ON-SITE TEST

Always carefully test to avoid embarrassment. With multi-handling of the tank from manufacturers to merchants to plumber to site to cupboard or loft it is inevitable that occasionally a tank will be damaged.

Our PT2/D package is a number of components.

Conversion into a working system is the responsibility of the installer and all components should be tested to ensure on-site function particularly the ballvalve function for correct fill and shut off.

INSULATION

Always fit insulation, it is part of your PT2/D package, which ensures your POLYCISTERN will deliver good quality drinking water to your taps and meet all the requirements of British standards.

IMPORTANT

Ensure warning pipe accommodates incoming supply. Fit restrictor to inlet if necessary.

always

1. Fully support the base on a flat level platform.
2. Hole centre for float valve 60mm +/-5mm from top of cistern, fit backplate.
3. Use sharpe hole cutters.
4. fit approved washers internally and externally.
5. Support all pipework.
6. Fit clickfit lid strap before filling.
7. Fit screened air inlet screened warning pipe & vent pipe sleeve.
8. Fit lid and insulation.

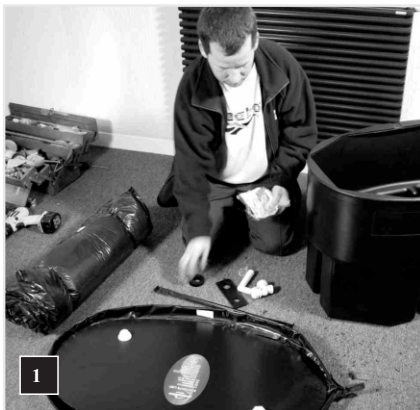
never

1. Over tighten cistern connections.
2. Use jointing compound or putty.
3. Leave notch when cutting holes.
4. Distort cistern with fittings.
5. Scribe or score cisterns when marking out.
6. Site near heater or light bulb.

CAUTION ALWAYS ENSURE ADEQUATE MOVEMENT IN PIPEWORK TO ALLOW FOR EXPANSION WITHOUT STRESSING CISTERN

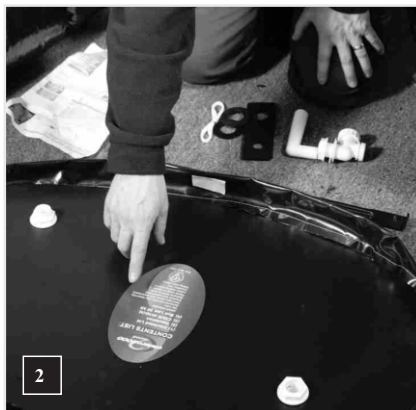
package contents

- SCREWED BREATHER (PRE-ASSEMBLED)
- SCREWED VENT PIPE SLEEVE (PRE-ASSEMBLED)
- SCREENED WARNING PIPE ELBOW
- DIP TUBE
- BALLVALVE BACKPLATE (SUITABLE FOR 1/2" OR 3/4" BALLVALVE)
- PLASTIC SUPPORT WASHER
- RUBBER SEALING WASHER
- INSULATION AND TIES
- INSTALLATION INSTRUCTIONS
- CLICK-FIT STRAPS(S)
- POLYCISTERN LID



1

Carefully remove the lid from the inside of the tank. Remove the kit inside the tank and take the contents from the plastic bag.



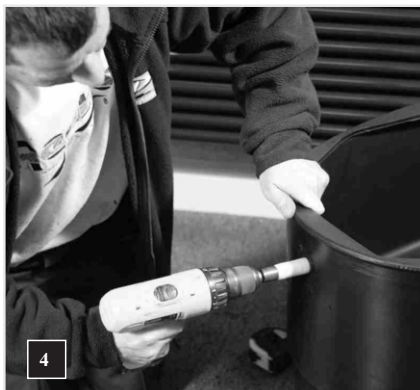
2

Spread the contents out in front of you and ensure you have all the contents to proceed and there is nothing missing.



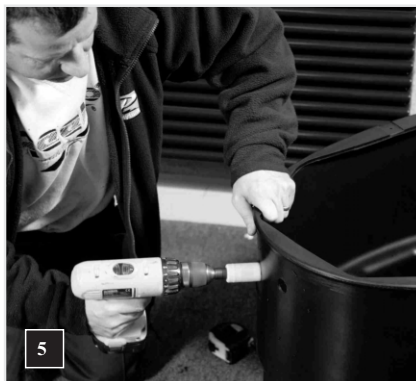
3

Using a tape measure and coloured felt marker or similar writing instrument, mark the holes to be drilled. **DO NOT SCRIBE OR MARK WITH ANY SHARP INSTRUMENT WHATSOEVER.** All the drilling and marking of the holes can be done at a lower level than the roof space. Once drilled, the tank can be passed up through the loft opening prior to the fitting of any of the kit.



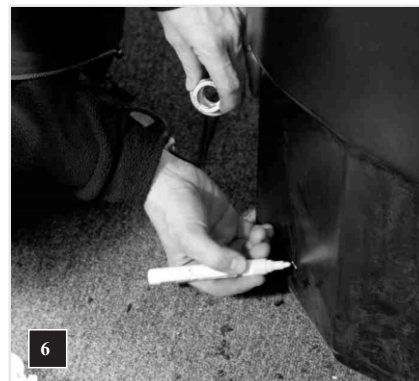
4

Mark the first of a series of holes. First the ball valve this hole is situated 60mm (+/- 5mm) from the top of the tank. Mark the hole to be drilled with a light marker or crayon. Do not use any scribe or sharp instrument whatsoever.



5

Make a mark for the warning pipe hole - this should be 90mm (+/- 5mm) from the top using a sharp 22mm hole saw, drill the hole for the ball valve* and 27mm hole saw for the warning pipe.



6

Turn the tank round and mark the hole for the outlet pipe. This hole should be 50mm from the base and again marked with a marker or light crayon not a scribe or sharp instrument.



7

Drill using a 29mm diameter hole saw. This is the hole for the 22mm compression tank connector* that will be the outlet. As stated above drill the hole for the outlet pipe at the opposite end to the ball valve*. This means the inlet and outlet create a circulatory flow of water inside the tank (this is the best method but not essential).



8

Having transferred the tank into the roof space with all the holes drilled, first put in and fasten the 22mm compression tank connector* with the rubber washer internally and the plastic washer externally and assemble outlet pipe.



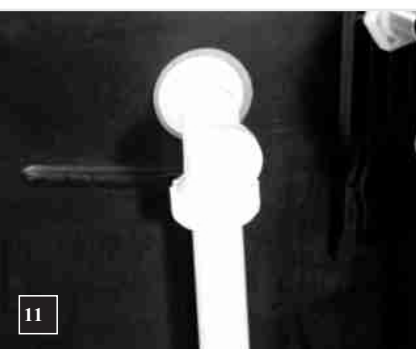
9

Take your ball valve* attach the 41/2" float* and assemble into the tank.



10

Pass the brass connector through and attach the ball valve back plate to the outside face of the tank. This back plate is designed to spread the load of the continually moving ball valve as the tank empties and fills. Assemble service valve* onto ball valve*. Adjust float position to suit waterline in tank.



11

Now assemble the screened elbow filter/mesh warning pipe into the other hole. This warning pipe accepts any 22mm overflow pipe including copper then push fit the dip tube internally into the elbow. Now connect the 22mm warning pipe to the screened warning pipe elbow ensuring warning pipe accommodates incoming supply. Fit restrictor to inlet if necessary.



12

Attach the cold water pipe (inlet) to the service valve* connection and tighten ensuring fittings are held firm while tightening. **DO NOT OVER TIGHTEN.**



At this point fit your clickfit strap(s) and turn on the cold water supply (stop cock usually under the kitchen sink) and then turn the service valve* using a screw driver, to the on position (in line with water flow).



As the tank fills, check all round for leaks both with eye and hand.



Put the cistern lid back on the top overlapping the skirt to create a seal.



Using the skirt straps included with the lid, pull tight and fasten to complete the seal.



Add the insulation jacket that was provided with the tank kit, wrapping the larger section all the way round the tank.



Using the ribbon provided, pass right round and tie at an easily accessible place.

The above illustrations show a normal tank installation. Circumstances and access can change the approach but we hope the above extensive procedure, in pictures, gives anyone installing a tank the ability to deal even with the most difficult circumstances and still do the job right.

we apologise, in advance, to any professional plumber or installer who regularly installs our tanks. we appreciate that you do not need this level of fitting instruction