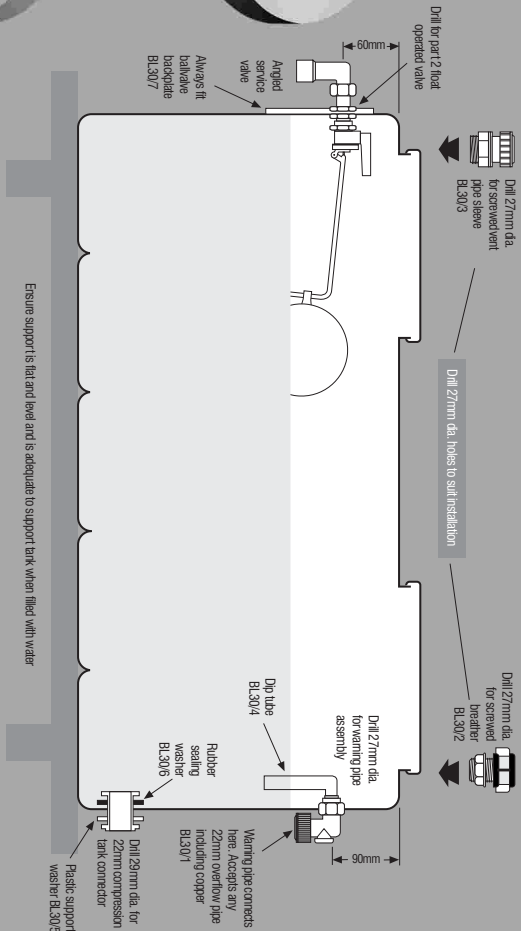




ADDITIONAL COMPONENT KITS COMPLY WITH BS 4213:2004

- SNAP ON POLYLID
- POLYTANK BYELAW 30 KIT AND FITTING INSTRUCTIONS
- 1/2" BS1212 PART 2 BALL VALVE AND 41/2" FLOAT
- BALL VALVE BACK PLATE
- 22MM COMPRESSION TANK CONNECTOR
- 15MM X 1/2" ANGLED SERVICE VALVE
- INSULATION AND TIES.

## polytank<sup>®</sup> package contents



## 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 sharp hole cutters.
4. fit approved washers internally and externally.
5. Support all pipework.
6. Fit screened air inlet screened warning pipe & vent pipe sleeve.
7. 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

## handling

All plastic tanks should be handled carefully at all times to ensure long trouble-free life. POLYTANKS 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 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 package, which ensures your POLYTANK will deliver good quality drinking water to your taps and meet all the requirements of British standards.

## important

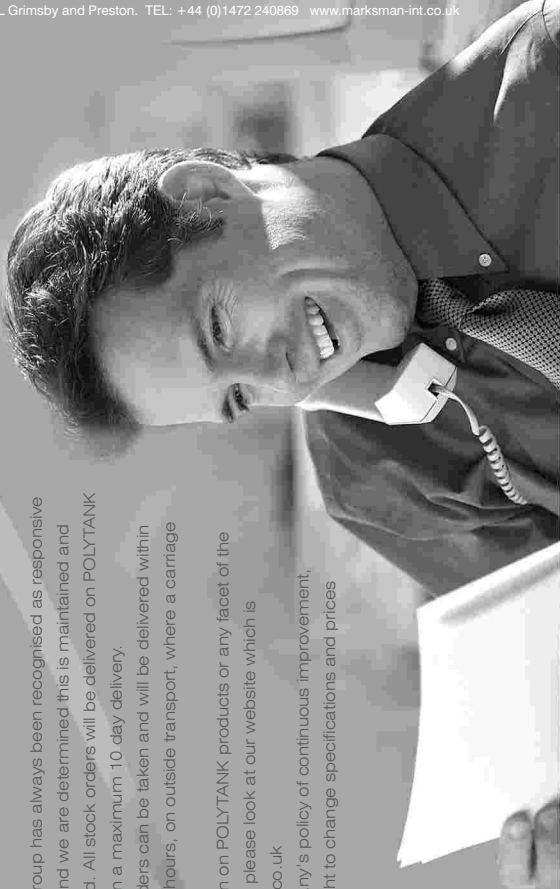
Ensure warning pipe accommodates incoming supply. Fit restrictor to inlet if necessary.

## 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.

2715 06/05 DESIGNED AND PRODUCED BY MARKSMAN INTERNATIONAL Grimsby and Preston. TEL: +44 (0)1472 240869 www.marksmann-int.co.uk



## Ordering

Ordering your products from POLYTANK has always been easy. We

hope you have found us as extremely responsive, offering you a warm

welcome. Now it is the POLYTANK Group, this will only get better.

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Telephone 01772 632850  
Fax 01772 679615  
Email [sales@polytank.co.uk](mailto:sales@polytank.co.uk)

Or if you are sending your order by post, send it to:

POLYTANK Group Limited  
Naze Lane East, Freckleton  
Preston, Lancashire. PR4 1UN

## Delivery

The POLYTANK Group has always been recognised as responsive in delivery times and we are determined this is maintained and hopefully improved. All stock orders will be delivered on POLYTANK Group transport on a maximum 10 day delivery.

Single product orders can be taken and will be delivered within approximately 72 hours, on outside transport, where a carriage charge will apply.

Further information on POLYTANK products or any facet of the POLYTANK Group please look at our website which is on [www.polytank.co.uk](http://www.polytank.co.uk)

Due to the company's policy of continuous improvement, we reserve the right to change specifications and prices without notice.



1  
Carefully cut the security straps on the lid/s 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.



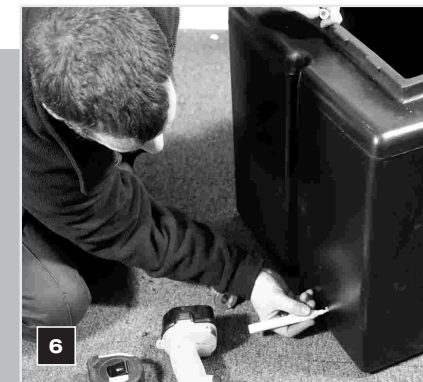
3  
Familiarise yourself with the individual items and the fitting instructions overall. Read carefully. Understanding the instructions is your best protection from costly mistakes.



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. 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.



5  
Offer up and mark holes for the breather and vent using a sharp 27mm hole saw, drill the holes for the breather and the vent. 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.



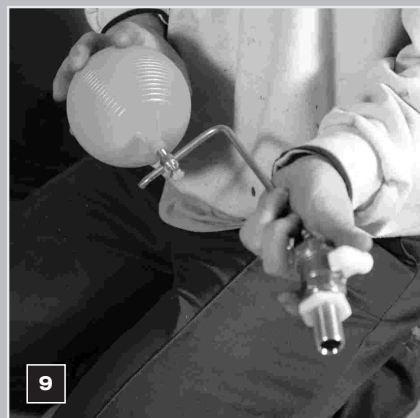
6  
Turn the tank round and mark the hole for the outlet pipe. This hole should be 50mm from the base and again marked with a marker or light crayon not a scribe or sharp instrument.



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.



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 4 1/2" 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  
Add the screw and tighten the ball valve fitting. Hand tighten and then tighten with spanner 1/2 a turn. Do not over tighten.



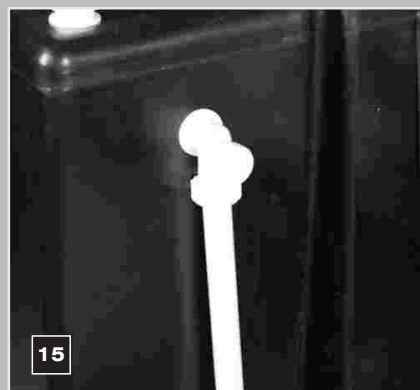
12  
Now assemble the screened elbow filter/mesh warning pipe into the other hole. This warning pipe accepts any 22mm overflow pipe including copper then push fit the dip tube internally into the elbow.



13  
Fit the screwed breather assembly.



14  
Fit the screwed vent pipe sleeve for the expansion pipe.



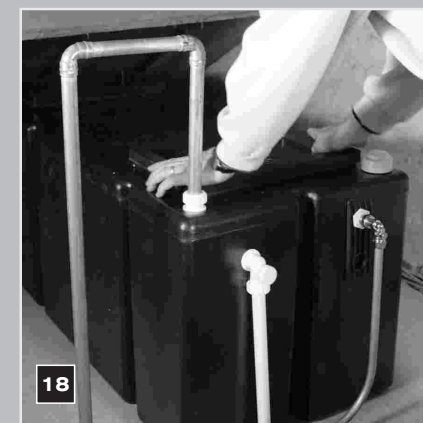
15  
Now connect the 22mm warning pipe to the screened warning pipe elbow ensuring warning pipe accommodates incoming supply. Fit restrictor to inlet if necessary.



16  
Attach the cold water pipe (inlet) to the service valve connection and tighten ensuring fittings are held firm while tightening. DO NOT OVER TIGHTEN.



17  
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).



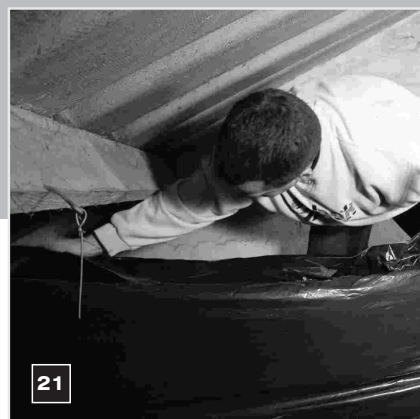
18  
As the tank fills, check all round for leaks both with eye and hand. Clip down the lid/s.



19  
Add the insulation jacket that was provided with the tank kit, wrapping the larger section all the way round the tank.



20  
Fasten the insulation using the ribbon provided.



21  
Use the smaller insulation piece provided as insulation for the top of the tank.

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.

## IMPORTANT

Before positioning tank ensure it is supported on a solid suitable base over the whole area of the tank, ensuring correct load over joints to accommodate weight when full.