

# HERITAGE

## BATHROOMS

### INTERNAL COMPONENTS FITTING INSTRUCTIONS

Please read these instructions fully before starting installation.

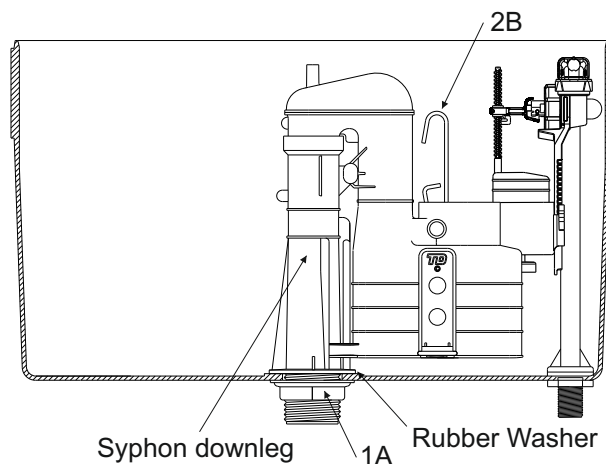
#### **WARNING**

**No sealing compound, paste, flux or solvent to be used in contact with plastic or rubber surfaces, to avoid damage to plastic components. Rubber washers will provide an adequate seal. PTFE tape may be used on threads. Do not overtighten plastic nuts.**

Although every effort is made to ensure this product reaches you in good condition - before fitting please check for any possible damage that may have occurred since leaving our factory, and that all parts are present against the instruction check list before commencing any part of the installation.

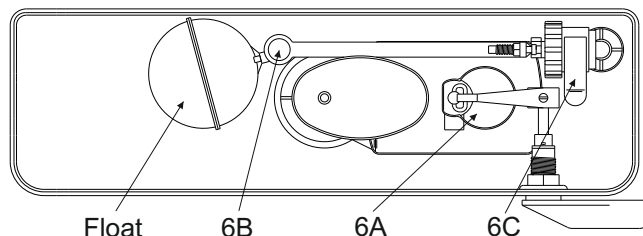
#### **All Syphons.**

Fit syphon with rubber washer inside cistern. Secure with 1.1/2" BSP back nut (1A). Before fixing the cistern to the wall, it is advisable to fit remainder of internal components. If a flush bend is required, Insert the flush bend into tail of syphon with thin cone (compression) ring in place. Hand tighten cap nut. Depending on the height of cistern from floor, it may be necessary to cut flush bend. Remove traces of burr. No more than 50mm (2") to be inserted into syphon downleg.



#### **Ball Float Valves**

Both side entry and bottom entry types are fitted with 3mm(1/8") bore high pressure (white) seat to suit mains water supply. A low pressure 6mm(1/4") bore (red) seat is also provided for use only when the cistern is fed from low pressure supply i.e. storage tank. Screw float firmly onto end of arm before fitting valve. Set float position after fitting in cistern if swivel arm is fitted (6B).



#### **Important**

A servicing valve must be installed at the inlet to the valves. Make certain float arm moves freely in a vertical path. Push overhead discharge elbow (6C) onto top outlet and turn inwards. In the case where the valve is used with a syphon, make sure the water from the overhead discharge elbow is not directed into the reservoir on the syphon.(6A)

#### ***Pedestal bottom entry.***

Fit pedestal float valve through base of cistern with rubber sealing washer inside. Secure using spigot back nut pointing inwards to locate the pedestal centrally in the cistern hole. Position pedestal to ensure free movement of the ball arm. Adjust the pedestal bracing stay so that it touches wall of cistern and tighten locknut.

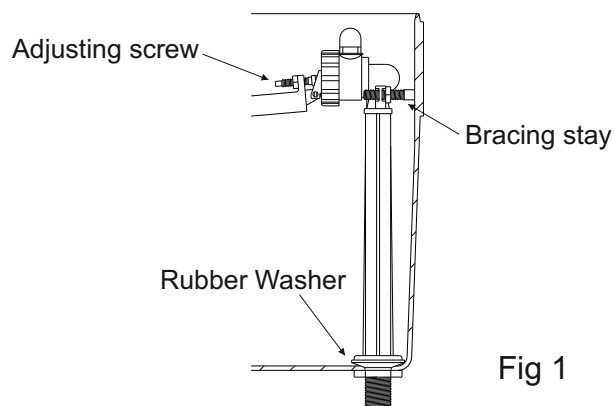


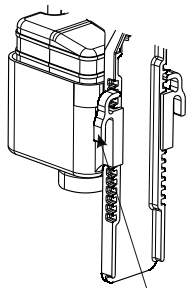
Fig 1

#### **Water level**

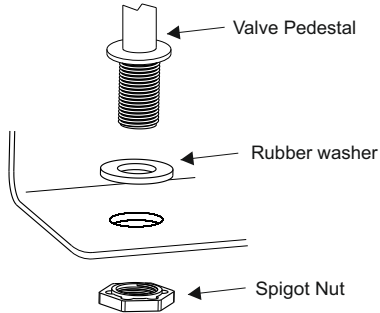
Set the float arm adjusting screw so that the water level is initially 13mm (1/2") below level marked on inside of cistern to allow for variations in mains water pressure particularly during the night. Tighten locknut to secure adjusting screw (**Fig.1**). If overflowing or poor flushing subsequently occurs, first check that the float arm moves freely up and down then reset the float position. If overflowing continues, check internal assembly and remove any foreign matter.

## Delay Fill Equilibrium Valves.

### Setting the float chamber

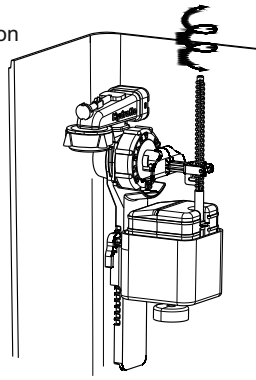


Set the float chamber just below the water level



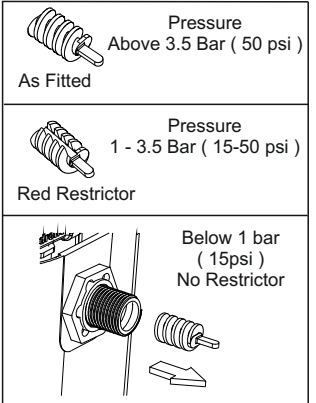
Note - A servicing valve (not supplied) should be fitted at or near the tail of the inlet valve

### Float position



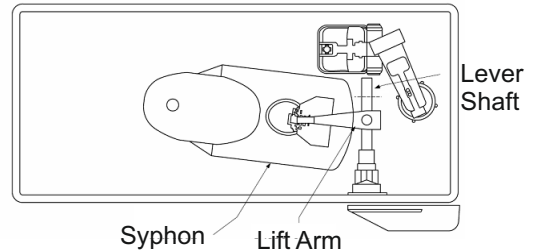
Check the water level - Adjust slightly if necessary by rotating the float. Ensure the float remains in the float chamber

### USE OF FLOW RESTRICTORS



## Cistern Lever.

When installing the cistern lever please only use the plastic arm provided with the cistern fittings. It is recommended to reduce the length of the operating shaft by 3cm and to install the outlet angled towards the front of the cistern. Once installed check for free movement.

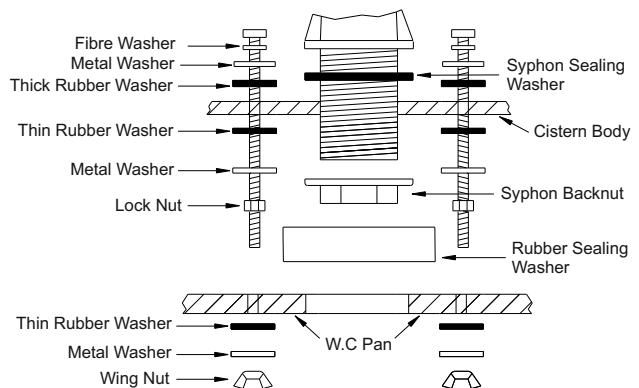


## Overflow

All Heritage cisterns have an internal overflow inside the cistern. This is achieved by using the syphon downleg invert as an overflow. The water will overflow via the downleg if the filling valve fails.

## Close- coupled installation

Fit syphon as described earlier. Slide the bolts through the cistern with the washers assembled as per the diagram. Push rubber sealing washer over back nut. Gently lower cistern onto w.c. pan, guiding bolts through holes. Fix securely using washers and wing nuts.



## FINAL CHECK LIST

Before turning on water supply check :-

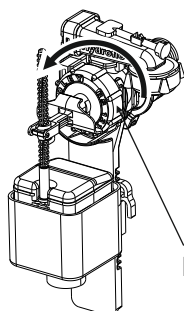
**CISTERN IS SECURE -  
ALL MOVING COMPONENTS OPERATE FREELY -  
ALL JOINTS ARE TIGHTENED CORRECTLY**

Now fill cistern and set water level.

**CHECK CAREFULLY FOR LEAKS -  
ENSURE ALL MOVING COMPONENTS OPERATE FREELY  
CHECK FLOAT ARM MOVES FREELY UP AND DOWN AND  
CLOSES OFF CORRECTLY -  
TEST SYPHON / OUTLET VALVE OPERATION AND THAT  
CISTERN FLUSHES CORRECTLY**

## Maintenance of the equilibrium inlet valve

### Remove front nut



Front Nut

Remove filter from valve, wash with clean water and re-assemble. Ensure the float chamber is in position shown. If necessary press tabs to reposition

