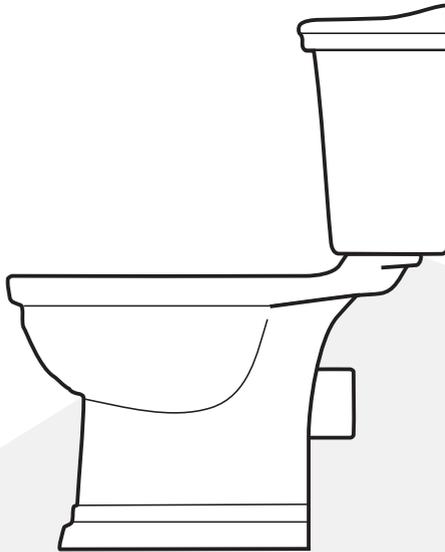


IMPERIAL

Toilet Instruction Guide



Important Information:

Please check the products for transport damage and that contents are complete before installation.

Consult a qualified plumber if you have any problems installing this product.

Complaints made following installation regarding the above cannot be accepted.

Thank you for purchasing this Imperial product.
 These instructions relate to our close coupled, high level and low level toilets.
 Before you start check you have the necessary tools for installation.

Before you begin:

**⚠ Always handle our products with care and attention.
 Ceramic products are brittle, and may chip, crack or break if not handled carefully. Broken ceramic is extremely sharp.**

Take care not to over tighten screws and fittings. Over tightening may lead to breaks or chips in the ceramic.
 Before installing the product, please inspect for damage incurred during transport. Imperial can not take responsibility for damaged products after or during their installation.

We recommend that the guidance of a qualified plumber is sought throughout the installation process.
 Always observe the plumbing and building regulations in the area the product is being installed in.
 Imperial reserves the right to amend the design of its products without notice, as specified in the company catalogue.

Tools Required

The following tools are necessary for the installation of this product.
 Imperial would once again recommend that a qualified plumber carry out the installation of this product.



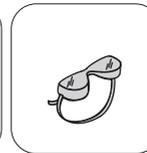
Spanner



Silicone Sealant



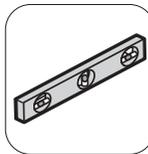
Drill



Safety Glasses



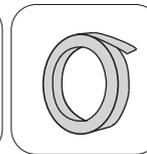
Pencil



Spirit Level



Basin Bolts Kit

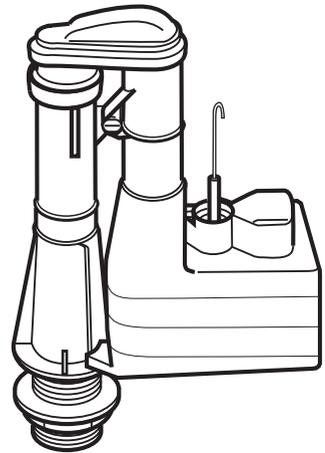
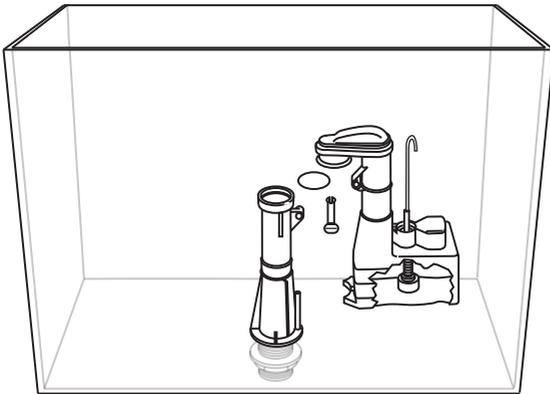


PTFE Tape

1. Installing the siphon

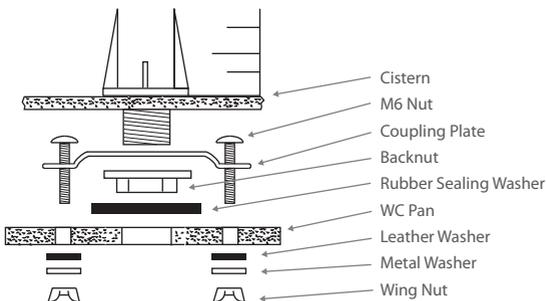
Fit the siphon with a rubber washer inside cistern. Secure with 1.1/2" BSP back nut.
Before fixing the cistern to the wall, it is advisable to fit remainder of internal components.
Hand tighten cap nut.

Fig1: Inserting the Outlet Siphon into the Cistern (below) and Siphon assembly (below right).



The white downleg connects to the orange bell housing by sliding upwards and securing with yellow linchpin (as pictured.)

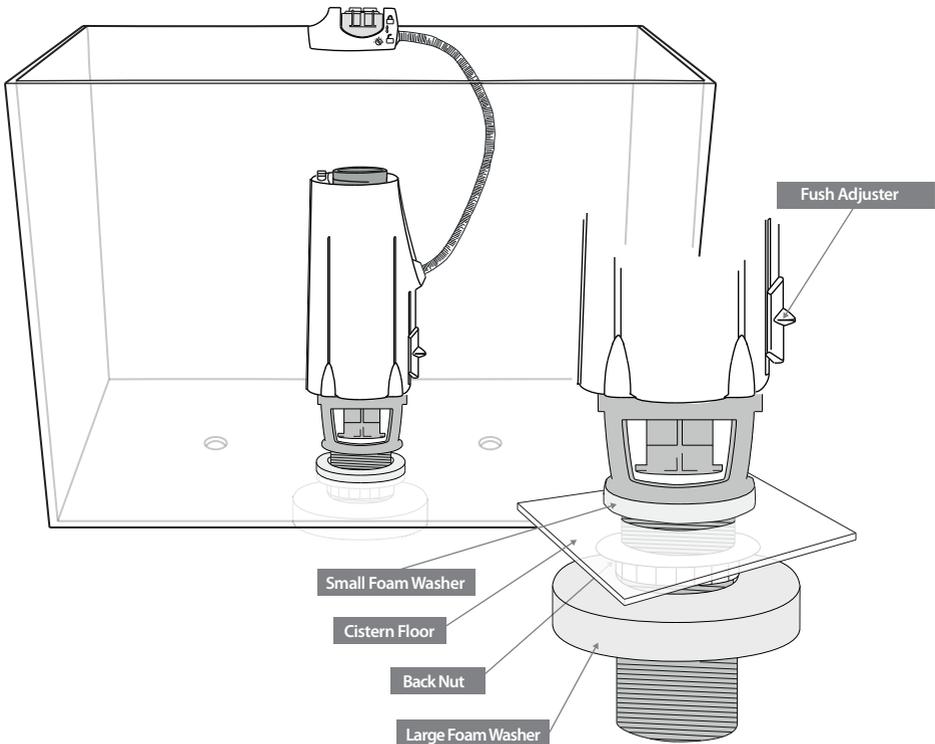
1.1 Installing the siphon (with fixing plate)



Fit siphon as described earlier but add coupling plate between the cistern and back nut.
Ensure coupling plate is parallel to rear of cistern.
Push dohnut sealing washer over back nut (shape of washer varies according to toilet pan type). Slide bolts into coupling plate slots.
Gently lower cistern onto toilet pan, guiding bolts through holes.
Fix securely using washers and wing nuts.

1.2 Installing a push-button valve

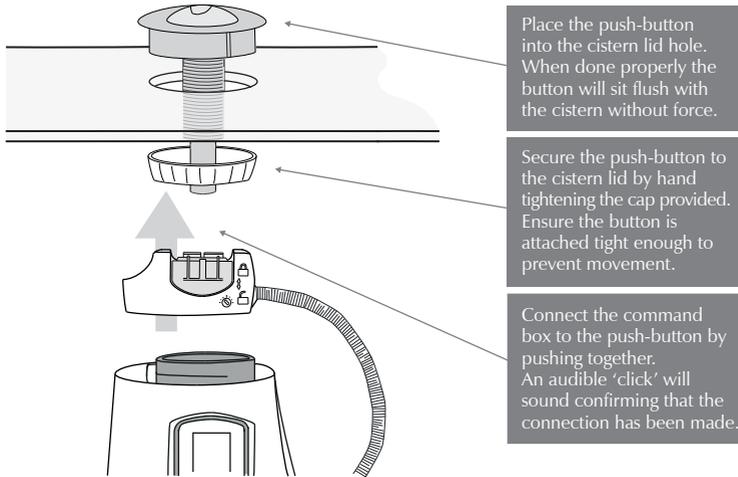
If you are installing a toilet with a push-button cistern, then follow these guidelines for installing the necessary valve mechanism.



Mount the valve into the cistern as pictured above.

The flexible cable should always be allowed to bend gently without sharp changes in geometry, and always positioned on the opposite side of the cistern to the filling valve.

Because Imperial recommends that filling valves are always installed on the left side of our cisterns, we consequently would suggest that your push-button valve faces to the right after installation (as pictured above.)



Once the 'command box' has been attached to the push button, lock the device by holding both sides of the coloured tab and pushing upwards until another 'click' sounds.

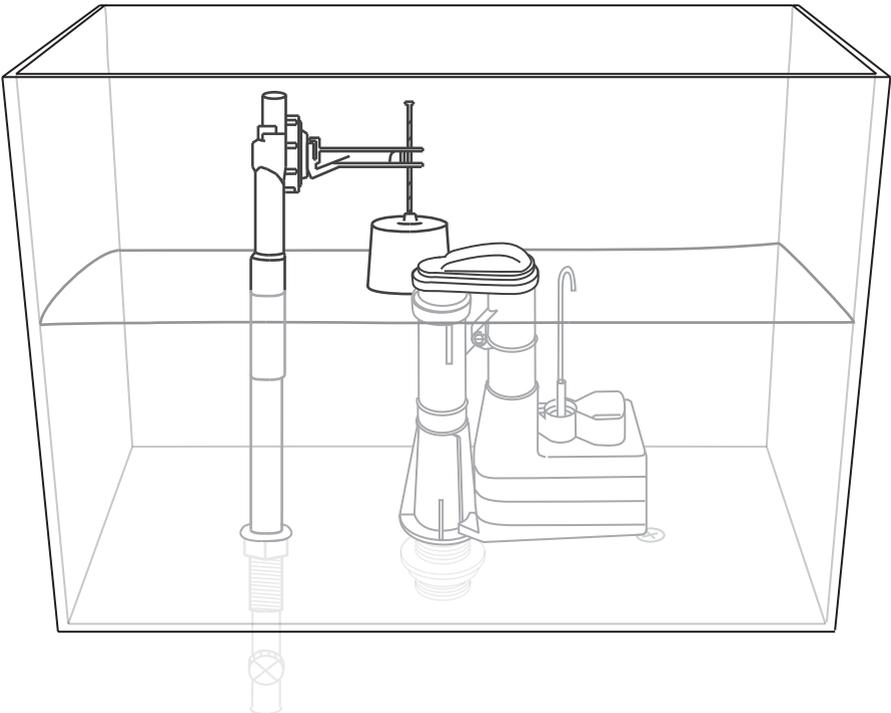
Test the connection by pushing down on the handle. If the inner tube of the siphon rises and drops in accordance with the push button then installation is complete.

The push-button has two options for flushing: small flush (water saving,) and full flush. A small flush is activated by pressing the outer ring of the button, whilst a full flush is activated by pressing the centre of the push button.

2. Installing the Filling Valve (Low level and Close Coupled toilets only)

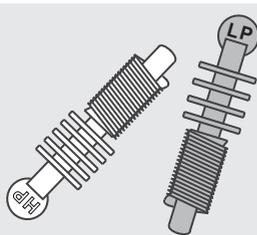
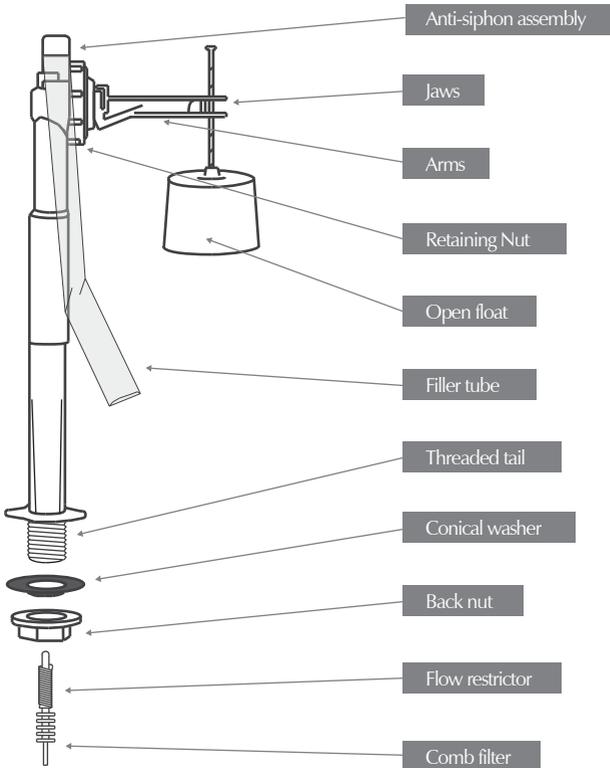
- ⚠ Fit the filling valve ensuring the rubber washer is on the inside of the tank with the conical side facing down.
Hand tighten the back nut and with a spanner, tighten a further three-quarter turn.
Insert float spiral stem horizontally between the two lower jaws and twist to engage the upper jaw.
This valve is pre-fitted with a comb filter and low pressure flow restrictor in the inlet threaded tail.
Check anti-siphon assembly is held securely by retaining nut and filler tube hangs freely.

*Imperial recommends installing the filling valve on the left hand side of the cistern.



2.1 Installing the Filling Valve (Low level and Close Coupled toilets only)

- ⚠ Adjust water level by twisting float up or down.
Important for new build/installations: Before turning water on, ensure that one cold water tap is open so that dirt and loose particles in the pipe work are flushed through the tap.



Depending on the water supply pressure, you will need to apply the appropriate restrictor to the threaded tail.

Below 1 bar (14 psi) No restrictor.

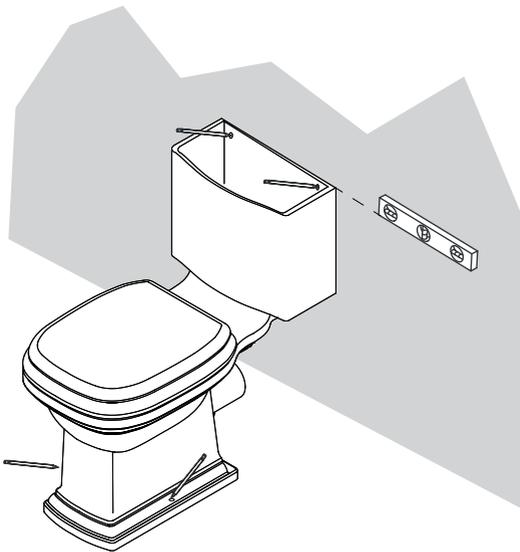
Between 1-4 bar (14 - 60 psi) L.P. Restrictor (Blue)

Over 4 bar (60 psi) H.P. Restrictor (White)

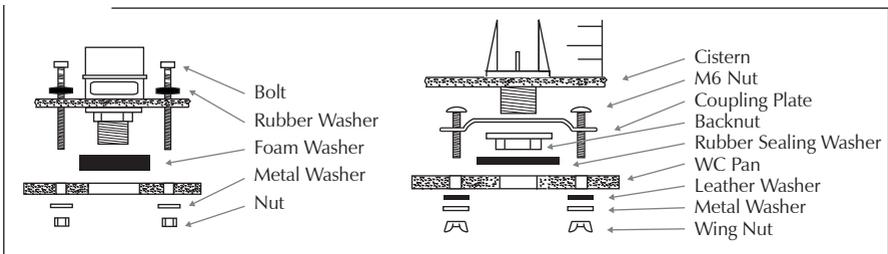
Please ensure the correct water pressure is maintained using restrictors in relation to the table above. It is essential that the overflow rate must be greater than the infill rate product.

3. Installing a Close-Coupled toilet

- ⚠ Carefully measure and plumb in all necessary pipework prior to installing the toilet. Ensure that you have a clear space within which to work.
- Ensure that the installation of flush and filling valve is complete as instructed, and that all fittings are tested and in working order.
- Insert the cistern bolts and locate the cistern correctly onto the pan as shown below. Once correctly positioned tighten wing nuts to ensure a secure connection to the WC pan.
- Once the cistern is secured to the pan offer the toilet up to the desired position. Ensure that the cistern sits flat against the wall, is level and the foot of the pan is perpendicular to the wall using a pencil to mark around the foot of the pan and the fixing holes in both foot and cistern.

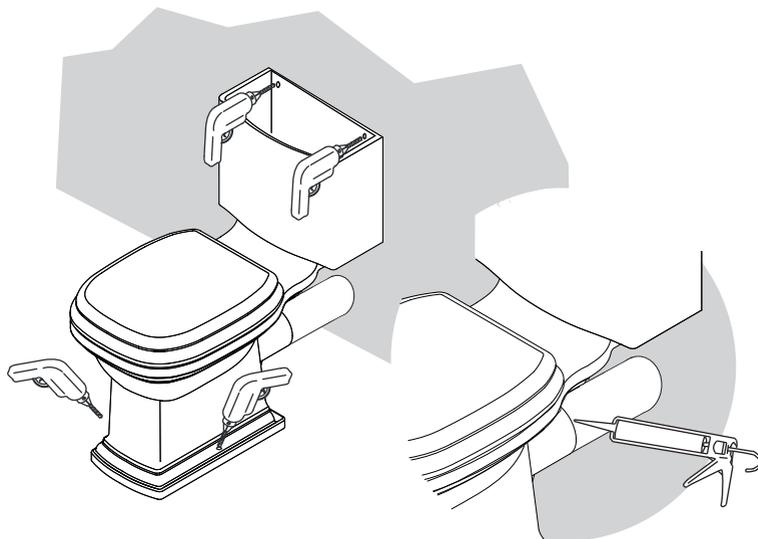


Cistern fixing styles



3.1 Installing a Close-Coupled toilet (continued)

- ⚠ Carefully measure and install all necessary pipework prior to installing the toilet. Ensure that you have a clear space within which to work. Remove the assembled toilet pan from the wall and drill the marked points. Insert the 8 x 60mm plugs for the floor fixing (solid floors only). Fixings for the cistern are not provided so please use suitable fixings for your wall type. Re-position the pan up to the wall and attach the waste pipe. Connect the water inlet pipe to the inlet valve. It may be advisable to use PTFE tape to help create a watertight seal between the inlet valve thread and the connecting nut. Secure the toilet pan to the floor/wall by using the fixings supplied/selected. It is advisable to run a bead of silicon around the joint between the WC outlet pipe and the waste pipe to ensure a good seal. Assemble the flush handle to cistern lid and place into position. Once you are satisfied that the pan has been installed correctly and the fixings are adequately tightened switch on the water supply to the inlet valve and once the cistern is filled operate the flush cycle.



- ⚠ Operate the flush cycle a few times and continually check carefully for signs of leaks from the inlet valve or toilet outlet if no leaks are evident, your toilet installation is complete.

4. Installing the Filling Valve (High Level toilets only)

⚠ (Refer to Filling Valve diagram opposite as a guide to this section)

Insert the float spiral stem horizontally between the two jaws and twist to engage the upper jaw.

Fit the filling valve ensuring the rubber washer is on the inside of the tank.
Tighten the back nut with spanner, tighten a further three-quarter turn.

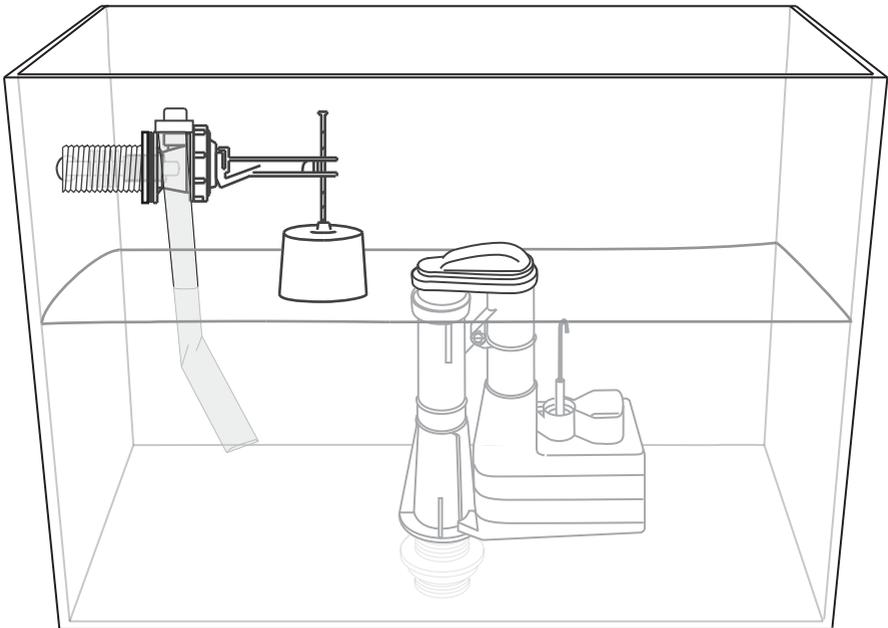
Do not overtighten.

Insert the correct flow combined filter restrictor into the threaded tail.

Fit anti-siphon securely by pushing firmly into position, ensuring clips are fully engaged over mating parts.

Check anti-siphon assembly is held securely by retaining nut and filler tube hangs freely.

Fig 3. Inserting the 'Side Entry Filler Valve' to the cistern.



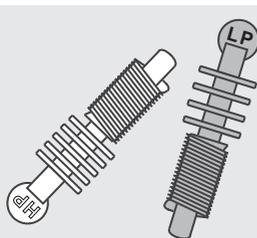
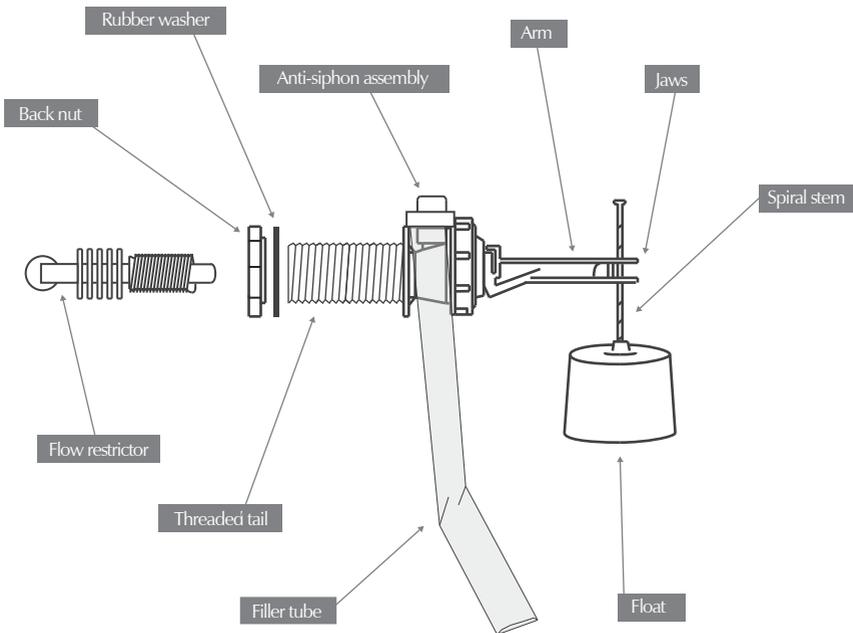
4.1 Installing the Filling Valve (High Level toilets only) continued

Adjust water level by twisting float up or down.

⚠ Important: for new build/installations: Before turning water on, ensure that one cold water tap is open so that dirt and loose particles in the pipe work are flushed through the tap.

To rotate or remove: unscrew retaining nut, pull anti-siphon vertically and rotate or replace anti-siphon assembly.

Tighten up retaining nut and ensure raised lip is retained.



Depending on the water supply pressure, you will need to apply the appropriate restrictor to the threaded tail.

- Below 1 bar (14 psi) No restrictor.
- Between 1-4 bar (14 - 60 psi) L.P. Restrictor (Blue)
- Over 4 bar (60 psi) H.P. Restrictor (White)

Please ensure the correct water pressure is maintained using restrictors in relation to the table above. It is essential that the overflow rate must be greater than the infill rate product.

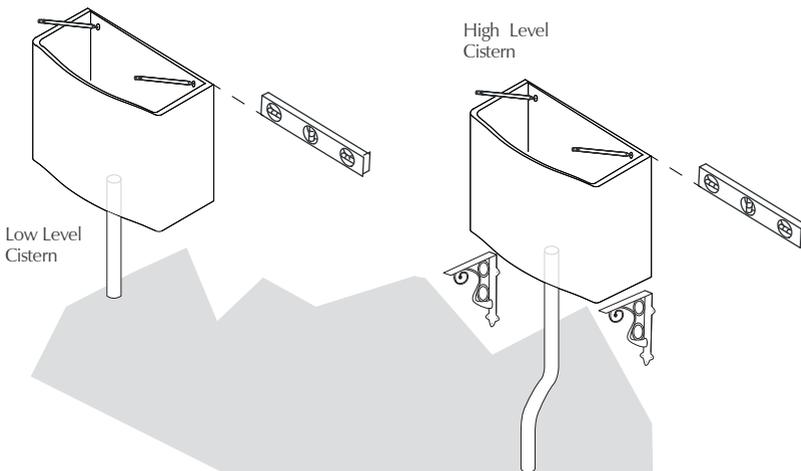
5. Installing a high/low level toilet

⚠ Carefully measure and plumb in all necessary pipework prior to installing the toilet. Ensure that you have a clear space within which to work. Ensure that the installation of flush valve and siphon is complete as instructed. Mark the location of the cistern on the wall using a spirit level and pencil.

⚠ Ceramicware is heavy and potentially dangerous if broken. For Low Level installation, secure the cistern to the wall. Do not attach plumbing valves or pipes until later on in the installation process.

For High Level installation, mark location of holes for the High Level Brackets. Drill holes and secure brackets to the wall, install Cistern onto Brackets.

NOTE: For full in-depth details relating to installation of High Level / Low Level pipes please refer to instructions included in the flush pipe kits.



⚠ Once cistern is installed, fit the flush pipe to the bottom of the cistern but do not fully tighten until later in the installation. The flush pipe can be adjusted to fit the space available by removing excess material from either side of the pipe using a saw.

Use discretion when adjusting the flush pipe, as removing too much length from the height or width of the pipe may cause the toilet to not fit properly.

⚠ Do not damage the finish of the flush pipe and remove any burrs incurred during this process.

Clear all tools and debris from the area and clear in preparation for installing the pan.

6. Installing a high/low level toilet (continued)

⚠ Move the pan into the installation area and mark where the drilling hole are located as pictured below.

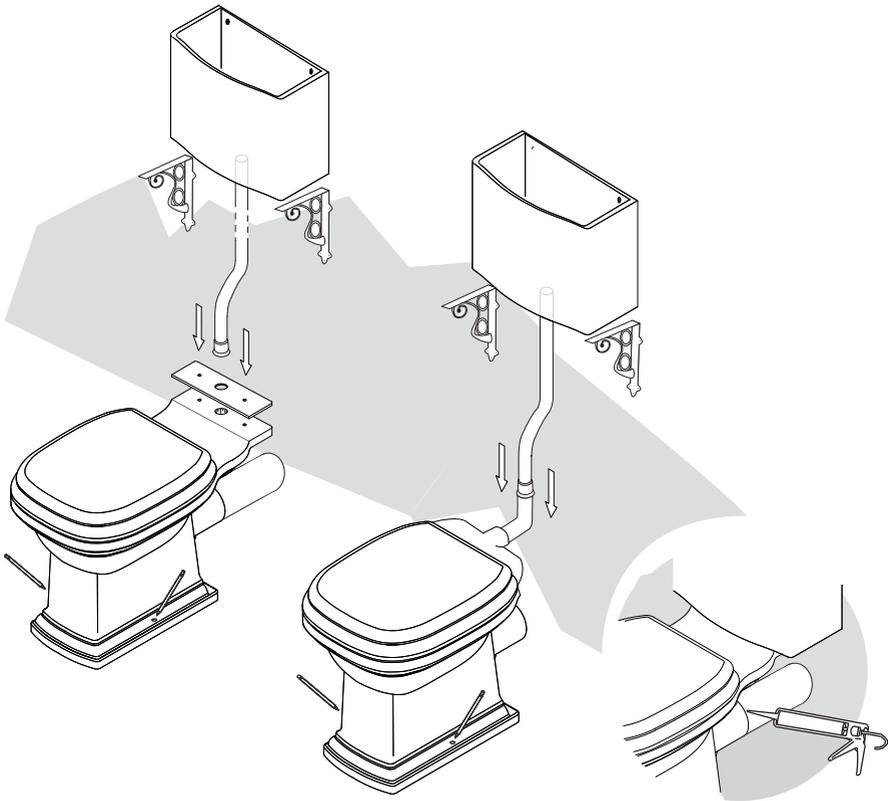
Attach the conversion plate to the pan as pictured (below left).

Fit the flush pipe in place but do not yet secure.

Secure the toilet pan to the floor by using the fixings supplied/selected.

It is advised to run a bead of silicon around the joint between the WC outlet pipe and the waste pipe to ensure a good seal.

Secure the flush valve to the pan and cistern tightly and fit the water supply to complete the installation.



⚠ Operate the flush cycle a few times and continually check carefully for signs of leaks from the inlet valve or toilet outlet if no leaks are evident, your toilet installation is complete.

Care and Cleaning instruction

Looking After Your Toilet

The glazed finish on your sanitaryware should be cleaned after use by applying a little cream type cleaner. Apply using a sponge or damp cloth and rinse thoroughly with clean water. Cleaners containing abrasive materials should be avoided.

Bathroom vanity furniture can be wiped over with a damp cloth and dried with a soft duster. The use of polish containing silicone or any abrasive materials can damage the wood finishes. Natural wax polishes should be used sparingly.

Guarantees (UK & Ireland)

Vitreous china manufactured by the Imperial Bathroom Company carries a life time guarantee against failure caused by defect.

For products sold outside of the UK and Ireland please refer to the guarantees section of the IMPERIAL catalogue.

Manufacturing Policy

The policy of the imperial bathroom company is one of continuous improvement. We therefore reserve the right to alter or amend specifications/ dimensions and prices without notice and to withdraw specific items/ colours without notice.

IMPERIAL

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