

INSTALLATION INSTRUCTIONS

Toledo Xtra Flush to Wall Toilet Suite

Code JTTT401.JTTT402



JohnsonSuisse
Bathroom Solutions

DESCRIPTION

The Toledo Xtra suite is a flush to wall suite that can be installed for general purpose use. The extra height of this suite means that it may be used in applications where compliance with Ambulant installation standards (AS1428.1) is required.

The suite is supplied with an adjustable S Trap connector fitting that permits a 90-175mm set out range. For longer set out (175-210mm) alternative connector (Code X011B) is needed.

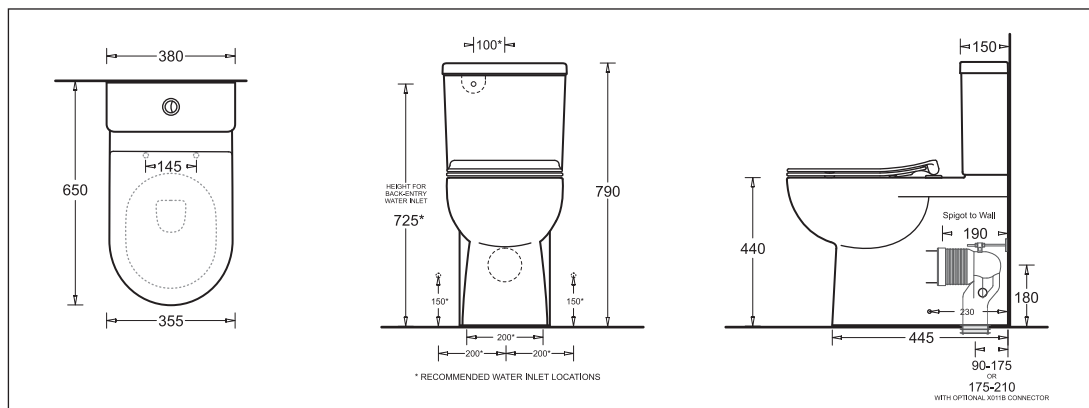
The suite may also be connected in a P Trap configuration (fittings not supplied).

Water inlet is back entry - an optional bottom-entry conversion kit (code: XJ108) is available.

The cistern is bolted to the pan from inside the cistern tank and can be removed if necessary for servicing.

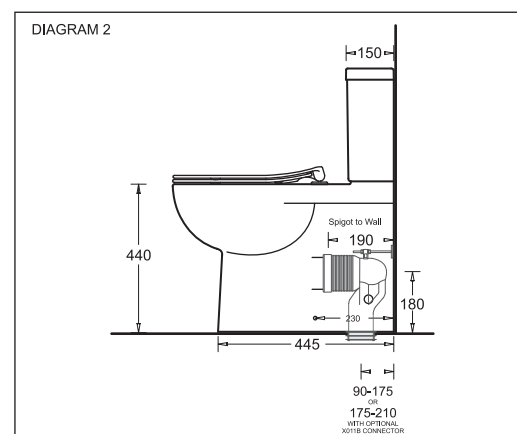
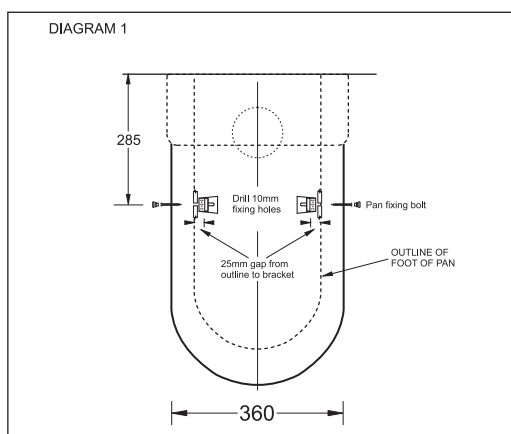
The suite has a soft close seat that is attached via top-fixed bolts. The seat is removable for cleaning.

Floor fixing brackets are provided.



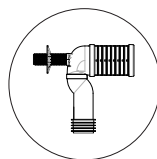
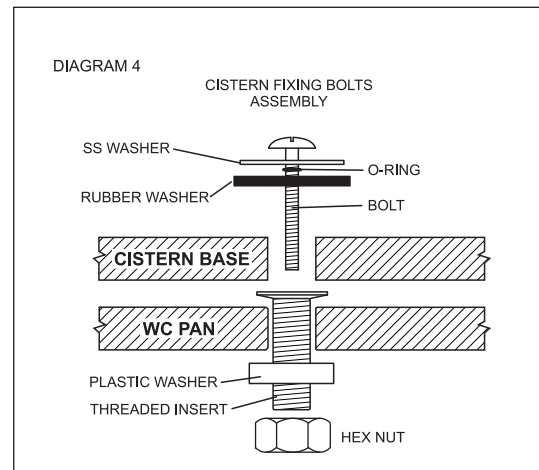
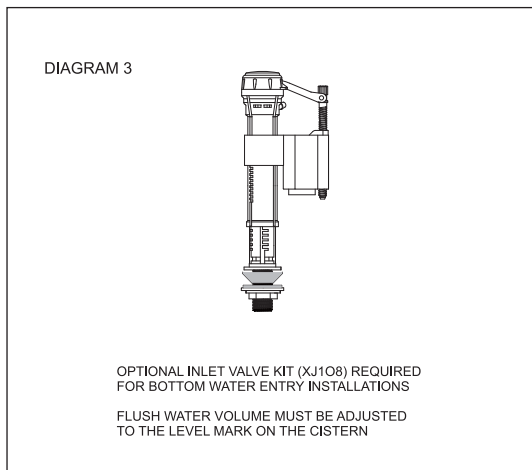
INSTALLATION STEPS

1. Inspect pan, cistern and seat for any transit damage before starting installation.
2. Check site roughing in, cistern tap position and assembly dimensions before starting installation. The WC must be installed on a level surface.
3. Place the pan in position ensuring it is aligned with the centreline of the sewer connection. Mark the location of the pan fixing bolt holes.
4. Remove pan and locate the position of the floor brackets 25mm in from the external edges of the pan side. Drill the holes (10mm) to attach the floor fixing brackets. (DIAGRAM 1)
5. For S Trap installation cut the threaded bracing prop on the pan connector elbow to the correct length to suit the set out. Cut the pan connector fitting to the correct length (265mm from wall) and height (180mm from floor) to suit the job. Install the connector and screw the bracing prop to the back wall. Check the outlet connection fit with the pan fully back against the wall. (DIAGRAM 2)



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6. For P Trap installations a pan connector and extension will be required.
7. Fit the threaded cistern fixing inserts into the holes in the cistern platform of the pan (DIAGRAM 4)
8. Move the pan back into position ensuring it seals with the pan connector.
9. Fit the screws into the floor fixing brackets and affix decorative caps. A waterproof sealant may be applied to the pan base.
 Note - if mortar bedding is required use a 4:1 sand and standard cement mix (**do not use Rapid Hardening Cement**). If the floor is tiled, cut out the tiles beneath the pan to create a good bonding surface.
10. Cistern fitting - The water supply to the inlet valve must be connected in accordance with AS/NZ3500.1.
 - a. Fit the blanking plug provided to seal the inlet hole in the base of the cistern.
 Note: for bottom water entry option a bottom water entry valve is required(not supplied). Refer to DIAGRAM 3.
 - b. Check that the inlet and outlet valve securing nuts are firmly tightened to prevent leaks. Do not over-tighten.
 - c. Fit the foam sealing ring to the outlet valve base
 - d. Fit the cistern to the pan using the seals, washers and bolts provided (DIAGRAM 4). Screw down firmly and evenly to compress the foam sealing ring.
 - e. Flush out the supply pipes before connecting the water supply. This is particularly important in new installations. Note that any flexible hoses used must not be submerged in water.



THE VENEZIA SUITE IS SUPPLIED WITH AN ADJUSTABLE CONNECTOR (CODE X011H) FOR S TRAP INSTALLATION
 P TRAP HEIGHT 180mm

11. Fill the cistern and check the water level, if necessary adjust the inlet valve float so the water is at the indicated level.
12. Attach the cistern lid and buttons and test flush several times while checking for leaks
13. Waterproof sealant finishing may be used around the base of the WC.
15. Fit seat

All installations should be carried out by a licensed plumber in compliance with the requirements of AS/NZS 3500.1 & AS/NZS 3500.2 and any State or Local Authority Regulations.

VALVE SERVICE

INLET VALVE SERVICE

IMPORTANT

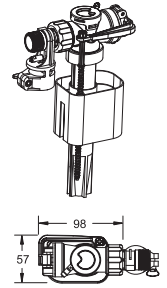
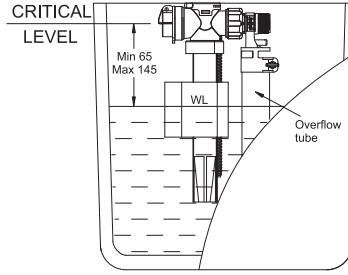
Please read and follow these step-by step instructions to ensure correct installation

- When the outlet valve is installed there must be a minimum gap of 25mm between the top of the overflow tube and the Critical Level (CL) mark on the inlet valve.

Operating environment

- Water temperature 2-45°C
- Water pressure 0.02-1.0MPa

Note that specifications and packaging may change without notice



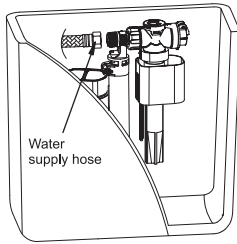
VALVE REPLACEMENT INSTRUCTIONS

1

- Turn off water supply
- Remove cistern lid
- Measure the water depth in the tank
- Flush the cistern to empty the water from the tank

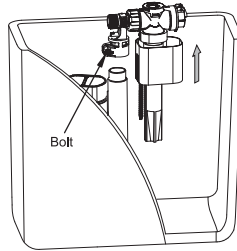
2

Disconnect the water supply hose



3

Unscrew the clip bracket bolt and remove the valve from the overflow tube

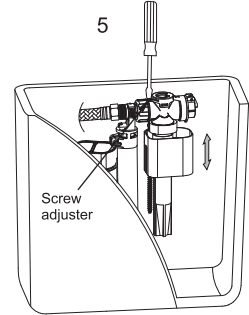


4

- Fit the new inlet valve to the overflow tube and tighten the clip bracket bolt
- Reconnect the water supply hose
- Turn on supply and check for connection leaks
- Test flush

5

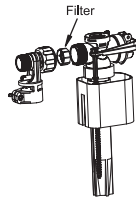
- Measure the water depth and adjust to previous level
- Turn the screw adjustment clockwise (anticlockwise) to increase (decrease) the level



CLEANING THE FILTER

In some areas, it may be necessary to clean the internal grit filter:

- Follow Steps 1, 2, 3 above
- Unscrew the main nut to separate the inlet connector from the valve body
- Remove the filter component
- Rinse under running water to remove any dirt/debris
- Re-assemble in reverse order

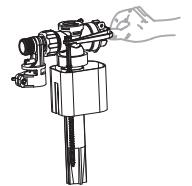


CLEANING THE DIAPHRAGM

If dirt/debris accumulates under the diaphragm it can prevent the valve from closing properly

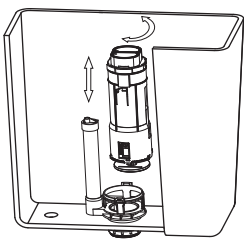
To remedy this, the diaphragm may be cleaned as follows:

- Follow Steps 1, 2, 3 above
- Unclip the float arm from the top of the adjustment screw
- Twist the plastic housing firmly anti-clockwise and remove it from the valve body
- Inspect rubber diaphragm and valve seat. Rinse under running water to remove any dirt/debris
- Re-assemble in reverse order



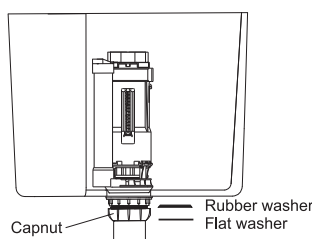
OUTLET VALVE SERVICE

Removal



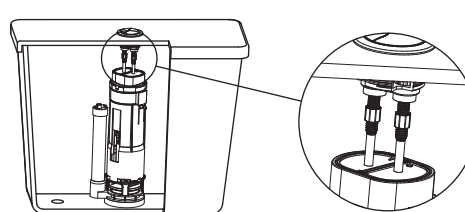
Valve may be removed for service - twist to unlock

Assembly



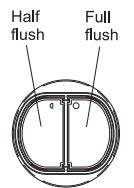
Capnut must be hand tightened to correctly seal flush pipe

Push button rod settings



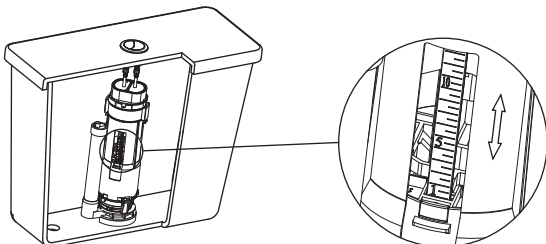
Button rods must be just clear of the valve pads

Button rods can be adjusted by screwing up or down



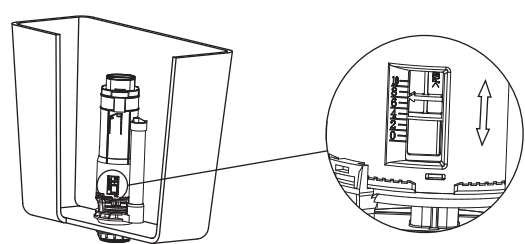
Ensure that buttons match valve pads

Half flush adjustment



Half flush volume can be adjusted by moving the side float up or down.
Moving the float DOWN increases the half flush
Moving the float UP decreases the half flush

Full flush adjustment



The full flush volume can be adjusted by changing the residual water level in the cistern.
Move the adjuster DOWN to increase the volume.
Move the adjuster UP to decrease the volume.