

## INSTALLATION INSTRUCTIONS

### Johnson Suisse Emilia FTW Suite

#### Code JTTE401.JTTE402

#### DESCRIPTION

The **Emilia** suite is a fully concealed, low-projection, comfort height, rimless, flush to wall suite that has a variable set out option.

The suite is supplied with an adjustable S Trap connector fitting that permits a 90-140mm set out range. For longer set out (140-170mm) alternative connector (Code X011B) is needed. see Diagram 1.

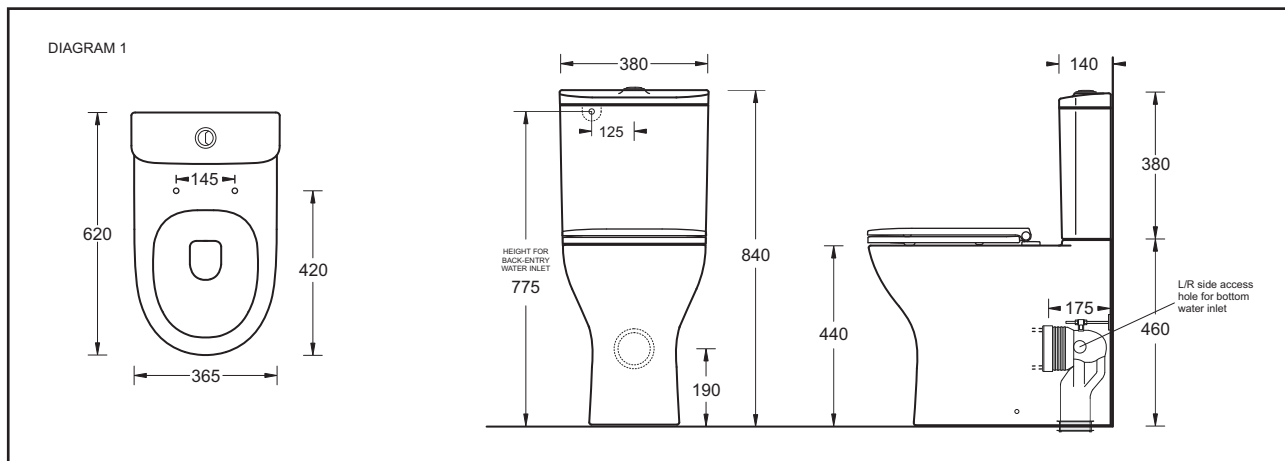
The suite may also be connected in a P Trap configuration (fittings not supplied).

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

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

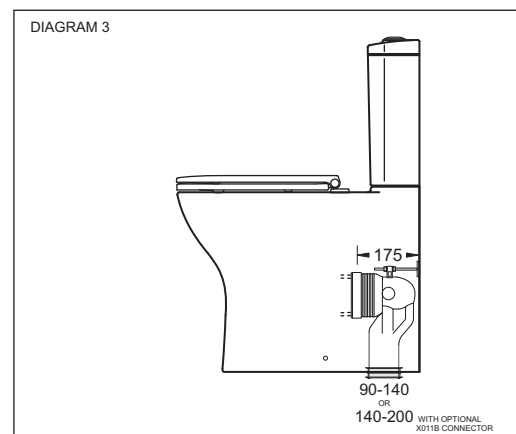
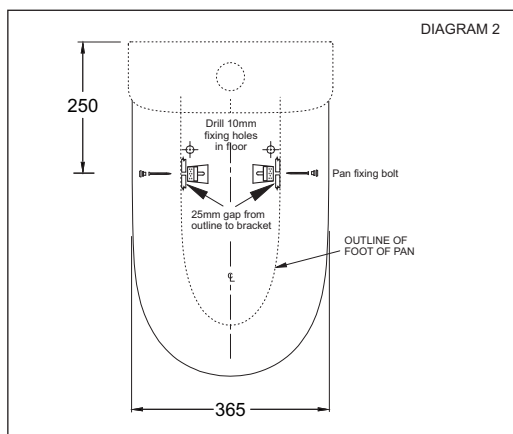
The suite has a soft close seat JSEE101 that is attached via top-fixed bolts. The seat is removable for cleaning. Other seat options are also available for this suite.

Floor fixing brackets are provided.



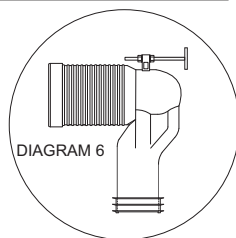
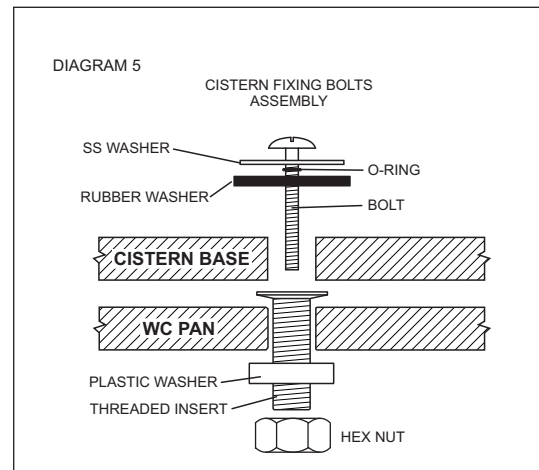
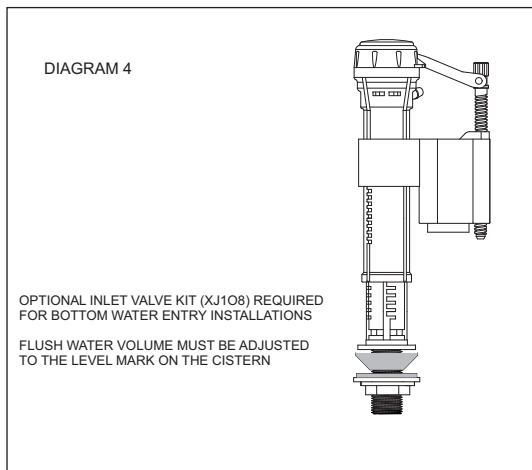
#### INSTALLATION STEPS

1. Inspect pan, cistern and seat for any transit or damage or other defects before starting installation.
2. Check site roughing in, cistern tap position and assembly dimensions before starting installation. The Pan 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) in the floor to attach the floor fixing brackets. (DIAGRAM 2)
5. For S Trap installation adjust 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 (173mm from wall) and height (190mm from floor) to suit the job. Install the connector and secure the bracing prop to the back wall. Ensure that the outlet connection engages correctly with the pan when fully back against the wall.(DIAGRAM 3)



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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 5)
8. Move the pan back into position ensuring it is properly engaged with the pan connector.
9. Fit the screws into the floor fixing brackets and affix decorative caps. A waterproof sealant may be applied around 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 bottom 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 4.
  - 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 5). 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 EMILIA SUITE IS SUPPLIED WITH AN ADJUSTABLE CONNECTOR FOR S TRAP INSTALLATION (Diagram 6)

P TRAP HEIGHT 190mm

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. Fit seat (refer to specific instructions included with seat)

WARRANTY - Please visit [www.johnsonsuisse.com.au](http://www.johnsonsuisse.com.au) for warranty terms and conditions

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

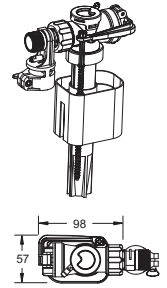
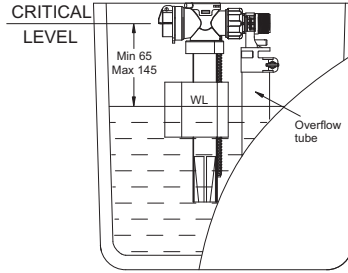
Please read and follow these step-by step instructions to ensure correct installation

- 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



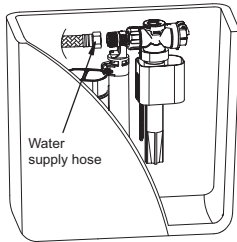
### VALVE REPLACEMENT INSTRUCTIONS

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

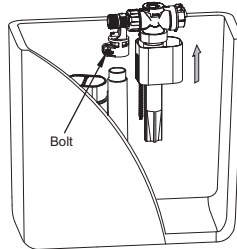
2

Disconnect the water supply hose



3

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

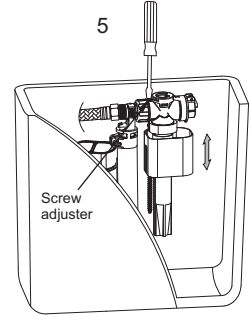


4

- 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

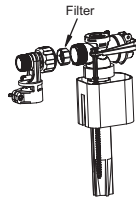
- Measure the water depth and adjust to previous level
- Turn the screw adjustment clockwise (anticlockwise) to increase (decrease) the level



### 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

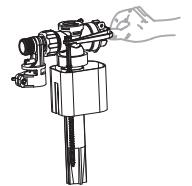


### CLEANING THE DIAPHRAGM

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

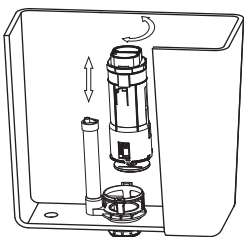
To remedy this, the diaphragm may be cleaned as follows:

- 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



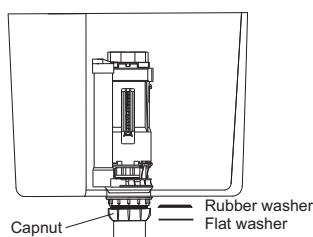
### OUTLET VALVE SERVICE

#### Removal



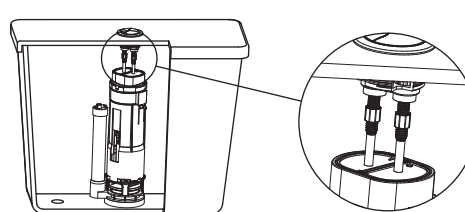
Valve may be removed for service - twist to unlock

#### Assembly



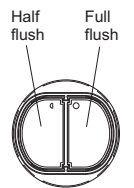
Capnut must be hand tightened to correctly seal flush pipe

#### Push button rod settings



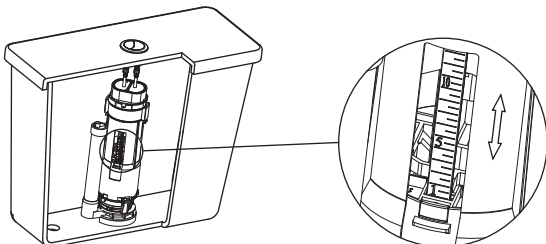
Button rods must be just clear of the valve pads

Button rods can be adjusted by screwing up or down



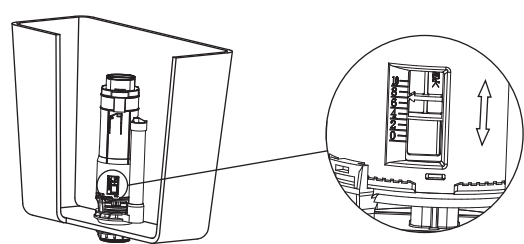
Ensure that buttons match valve pads

#### 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.



**WARRANTY:**

For warranty terms and conditions,  
please refer to:  
[www.johnsonsuisse.com.au](http://www.johnsonsuisse.com.au)

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