INSTALLATION INSTRUCTIONS

Marbletrend Esti Toilet Suites

Flush to Wall - J2900.J2950
Close Coupled - J2902.J2952

DESCRIPTION

Marbletrend Esti toilet suites feature a modern design with flexible installation options.

The suites are supplied with an adjustable S Trap connector for variable set outs. For larger set outs an alternative connector (Code X011B) is available.

The suites can also be installed in a P Trap configuration (fittings not supplied).

The Flush to Wall suite has a back entry water inlet.

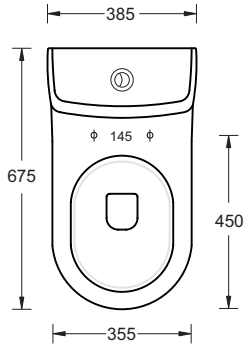
The Standard Close Coupled suite has a bottom entry water inlet.

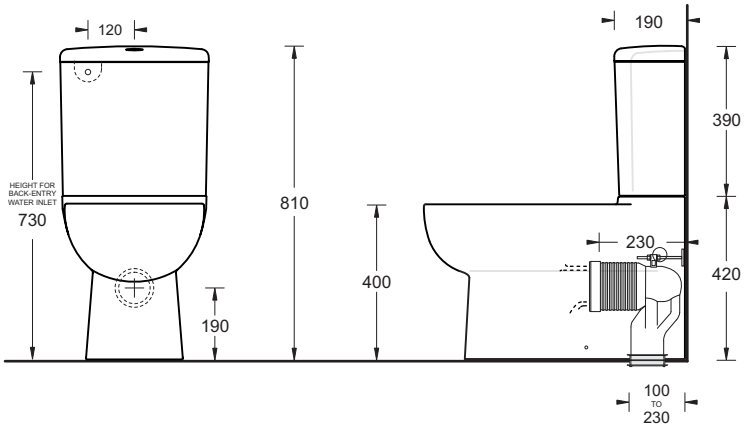
The cistern is bolted to the pan from inside the cistern tank and can be removed if necessary for servicing.

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

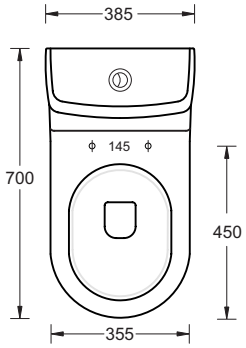
Floor fixing brackets are provided.

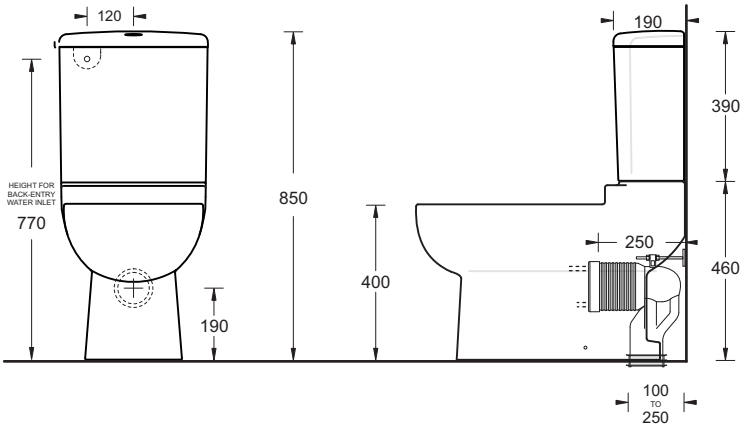
ESTI FLUSH TO WALL SUITE





ESTI CLOSE COUPLED SUITE





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 floor fixing bolt holes.
4. Remove pan and locate the position of the floor brackets. Drill the holes (10mm) to install the 'L' brackets to the floor. (DIAGRAM 1)

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5. Fit the threaded cistern fixing inserts into the holes in the cistern platform of the pan (DIAGRAM 2)
6. For S Trap installation cut the pan connector fitting to the correct length and height(190mm from floor) to suit the set out. Fit the threaded bracing prop to the pan connector elbow and adjust to the correct length and screw the bracing prop to the back wall. Check the outlet connection fit with the pan fully back against the wall.(DIAGRAM 3)
7. For P Trap installations a pan connector and extension will be required.
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 <u>not</u> 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. Check that the inlet and outlet valve securing nuts are firmly tightened to prevent leaks. Do not over-tighten.
    b. For bottom water entry - connect a flexihose (not supplied) to the inlet valve and feed the hose through the hole in the cistern platform at the back of the pan.
    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 2). Screw down firmly and evenly to compress the foam sealing ring.
    e. Flush out the supply pipes <u>before</u> connecting the water supply . This is particularly important in new installations. Note that any flexible hoses used must not be submerged in water.
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.

DIAGRAM 1

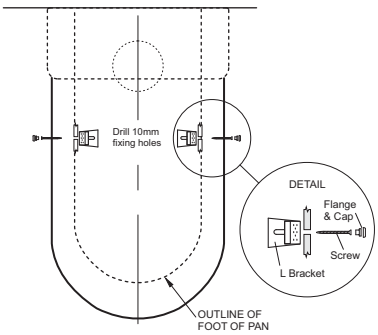


DIAGRAM 2

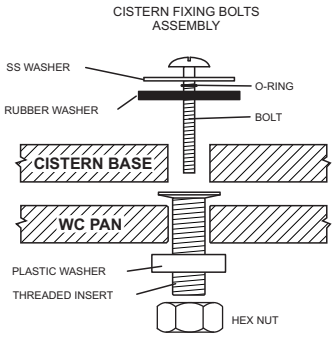
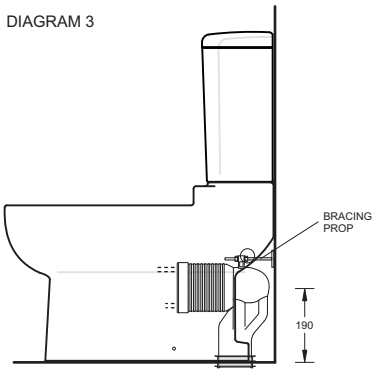


DIAGRAM 3



All installations must be carried out by a licensed plumber in compliance with the Plumbing Code of Australia and any State or Local Authority Regulations

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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.

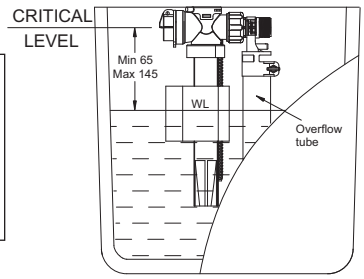
Operating environment

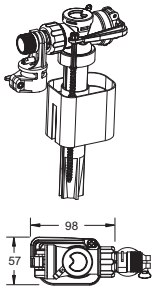
Water temperature 2-45ºC
Water pressure 0.02-1.0MPa

Note that specifications and packaging may change without notice

WARNING

DO NOT USE CHLORINE/CHEMICAL SANITISERS IN THE CISTERN TANK.
SUCH USE MAY RESULT IN DAMAGE TO TANK COMPONENTS AND WILL VOID THE PRODUCT WARRANTY





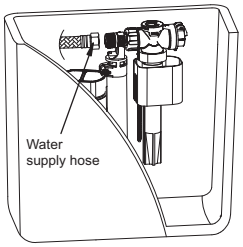
INLET VALVE REPLACEMENT INSTRUCTIONS

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

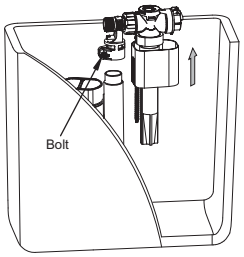
2

Disconnect the water supply hose



3

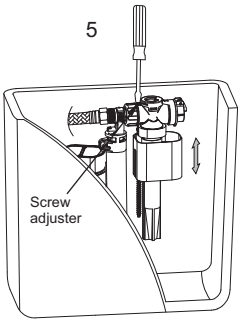
Unscrew the clip bracket bolt and remove the valve from the overflow tube



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

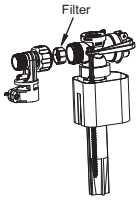


Measure the water depth and adjust to previous level
Turn the screw adjustment clockwise (anticlockwise) tpo increase (decrease) the level

CLEANING THE FILTER

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

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

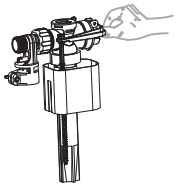


CLEANING THE DIAPHRAGM

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:

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

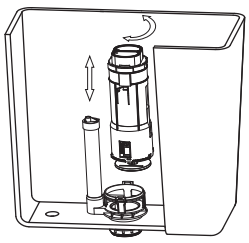


CONVERSION TO BOTTOM ENTRY WATER SUPPLY

A bottom entry valve kit (Item code XJ108) is available should you need to change the water entry point. Follow the instructions provided with this item.

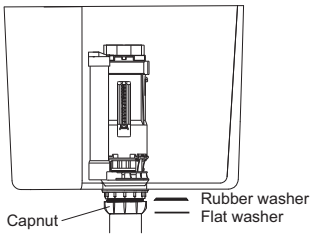
OUTLET VALVE SERVICE

Removal



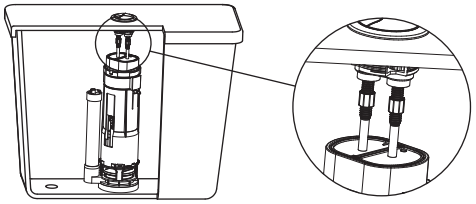
Valve may be removed for service - twist to unlock

Assembly



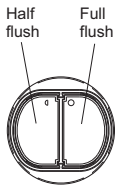
Capnut must be hand tightened to correctly seal flush pipe

Push button rod settings



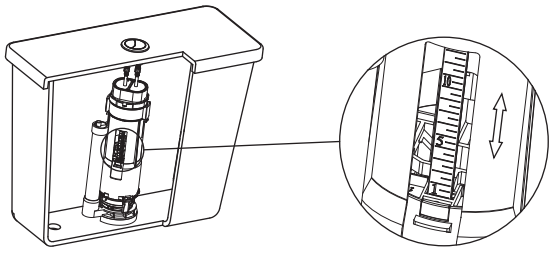
Button rods must be just clear of the valve pads

Button rods can be adjusted by screwing up or down



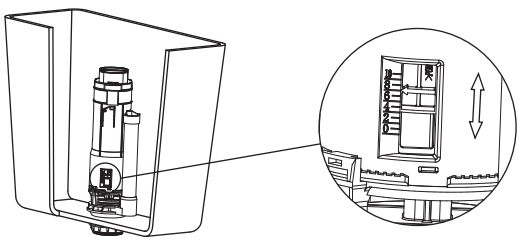
Ensure that buttons match valve pads

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.

R1.4