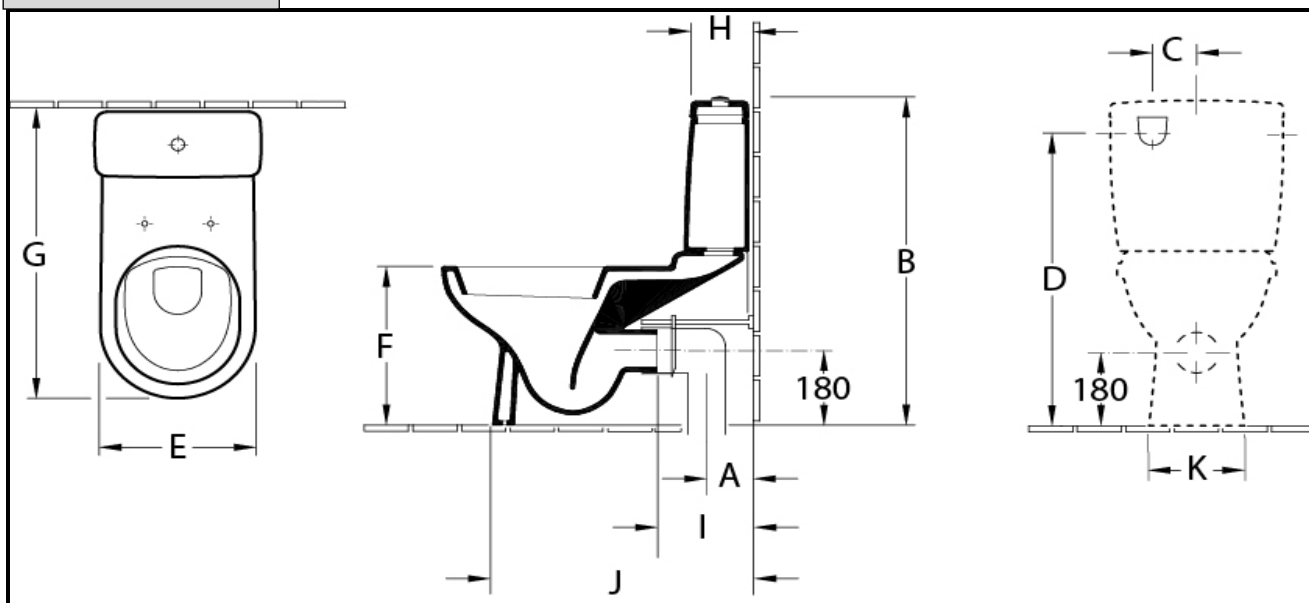


Back-To-Wall (BTW) Toilet Suite Installation Instructions

Legend Diagram



Dimension Table

Toilet Suite	A	B	C	D	E	F	G	H	I	X	J	K
Architectura U BTW ^{#*}	140	800	100	730	370	400	700	165	195	225	580	200
Architectura 2.0 BTW [#]	140	800	100	730	375	400	700	165	235	265	550	270
Architectura SQ BTW [#]	140	810	100	730	370	400	700	165	220	250	580	260
Loop BTW [#] (6630)	140	815	100	730	370	400	700	165	230	260	575	220
O.novo 2.0 Pavia 2.0 [#]	140	830	100	760	360	440	660	140	195	225	500	260
O.novo/Pavia [#]	140	800	100	725	360	400	650	140	190	220	550	230
Sentique BTW [#]	140	870	100	795	375	400	700	165	190	220	530	210
Subway 2.0 (5617) [#]	140	800	100	730	370	400	700	165	235	265	560	265
Venticello [#]	140	800	100	730	375	400	700	165	235	265	555	260

= ½" BSP male iron rough-in for water inlet connection (Sentique requires ½" FI wall elbow)

* = Architectura U BTW toilets are available with bottom water inlet option

A = 'S' trap set out is variable and ranges by 180mm depending on the vario bend selected and the toilet supplied, recommended rough in for all 'S' trap suites is 140mm.

B = overall height of the toilet

C = offset from centre line to rear water rough-in position

D = height on centreline to rear water inlet (from finished floor)

E = width of the toilet

F = height of pan excluding the seat

G = length of toilet

H = width of the cistern

I = distance from back of the pan to the start of the ceramic spigot

X = vario bend cutting dimension (see Fig 1 on page 2)

J = length of pan footprint

K = width of pan footprint

The manufacturer reserves the right to change specifications without notice.

Standard vitreous china manufacturing tolerances apply.

Prior to installation checklist:

- # Cisterns are supplied standard with a ½” BSP female iron right angle cistern tap. A ½” BSP male iron BSP wall elbow should be installed extending 10mm from the finished wall.
- The Sentique cisterns are supplied standard with a ½” BSP male iron cistern tap. A ½” BSP female iron BSP wall elbow should be installed flush with the finished wall (if not, see trouble shooting guide alternative Page 4)
- Check to confirm that all the parts of the toilet are complete and undamaged. No claim for damage or faults will be accepted after installation.
- The height and distance from the centre of the cistern to the rear water entry point for each model is set-out in the dimension table and the measurement is from the finished floor height. (Please allow for the height of tile bedding, tiles or flooring when roughing-in) The set-out height does not allow for bedding of the pan into a mortar base (please allow for this if the pan is being installed in this fashion). Argent Australia does not recommend bedding the pan into a mortar base.
- Check all Cistern mechanisms, bungs and bolts on the bottom of the cistern are secure and watertight prior to installation on the pan; they may have worked loose during transit.

Installation

Vario bend set up for S-Trap installations (For P Trap see over page)

Check that the floor and wall are level, perpendicular and free of any obstructions that could hinder the installation of the toilet.

For S-Trap installation, insert the vario bend either directly into the sewer pipe using the adaptor supplied or into a pan collar after discarding the fluted seal supplied on the bottom of the vario bend. **Typical pan collar installation is suitable for small set out vario bends; for the large set out vario bend the top of the pan collar must be flush with the finished floor if you are not going straight into the DWV sewer pipe using the adaptor supplied. Offset pan collars are usually not required and are not recommended to be used in conjunction with a vario bend. (If any offset pan collar is used it should be 20mm offset or less)**

To work out the length that the vario bend needs to be trimmed to, first confirm that the ceramic spigot on the pan you have is the same distance from the back of the pan to the start of the ceramic spigot as per detail (I) in the dimension table. Add 30mm to this measurement.

Cut the vario bend ensuring the distance (X) is measured from the finished wall to the front of the bend. It should also be cut to finish 180mm from finished floor to the centre of the pan outlet. Allow extra height for mortar bedding if it is being used. **(X = Dimension table reference I plus 30mm)**

Example; For O.Novo 2.0 BTW, confirm dimension (I) is 195mm add 30mm = 220mm. Trim Vario bend to 225mm from the finished wall as per X in the dimension table.

Install the vario bend brace to the wall and attach the vario bend into position by securing it to the brace (See fig 3). The stabilizing rod may need to be trimmed. Please double check the measurements. Place the rubber seal over the front of the vario bend and lock it into place using the white plastic retaining ring. (See fig 3). Lubricate the rubber seal with an approved silicon based lubricant.

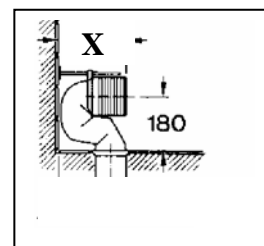


Fig 1

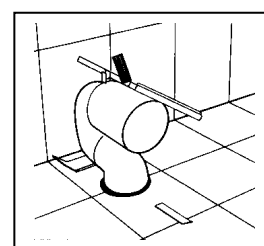


Fig 2

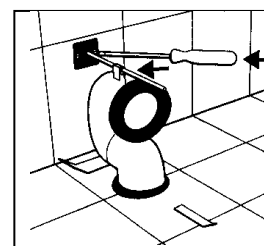


Fig 3

P trap set up

To work out the length that the DWV pipe needs to be, first confirm that the ceramic spigot on the pan you have is the same distance from the back of the pan to the start of the ceramic spigot as per detail (I) in the dimension table. Calculate the amount the pan spigot will engage into the pan collar you have selected to use, (not supplied with the toilet) and allow a small clearance, appropriate to the pan collar selected, off dimension (I)

*** Offset Pan Collars are NOT suitable or recommended for P trap instructions.**

Pan to floor fixing

Place the toilet pan in to the position that it is to be installed and mark the outline of the pan on the floor under the fastening holes. Mark the point directly under the fastening holes. (See Fig 4).

Remove the toilet pan and join the two marked points with a line. Set the installation element to the inside dimension of the pan (Fig 5). Mark and drill the holes to fasten the supplied brackets as shown in the drawing (see Fig 6). Place the toilet pan back over the fastening brackets to check that it is in the correct alignment for installation.

If there is a wetseal membrane that can not be punctured with the pan to floor fixings, adhere the fixing kit to the floor, allow appropriate curing time prior to installing the pan.

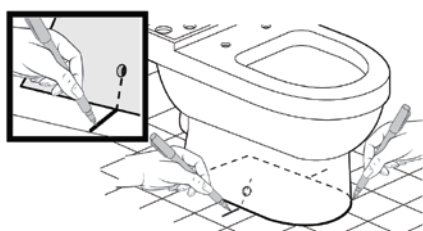


Fig 4

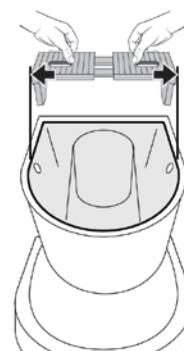


Fig 5

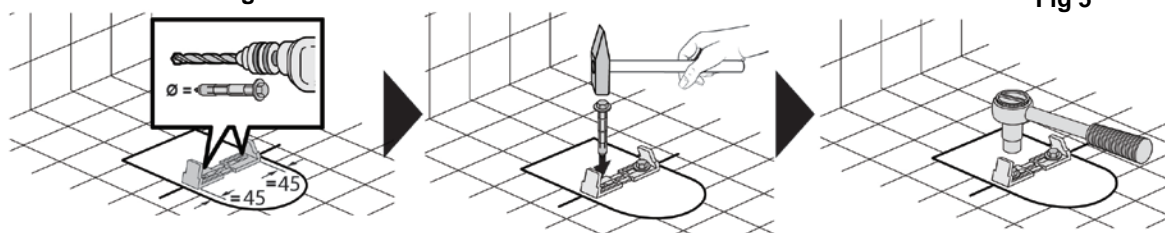


Fig 6

Connecting cistern to Pan

Check the cistern fixings are tensioned correctly and are watertight. Connect the cistern to the pan. Insert the plastic pan guards in the holes on the side of the pan and screw the pan to the brackets with the screws provided (see Fig 7). Place the white cover caps into the heads of the screws.

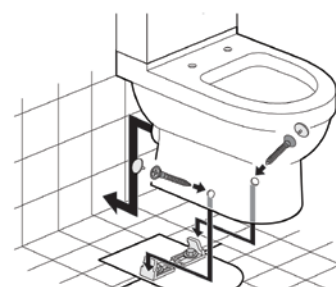


Fig 7

Water Connection



Cisterns with flex hose

Fit the cistern cock supplied to the water inlet point; join the flex hose to the cistern cock. Fit the cistern lid and flush button (see Fig 8)

Cisterns with 3/8 copper tube

Fit the cistern cock supplied to the water inlet point; connect the water to the inlet valve using the 3/8 copper tube supplied, this may need to be bent depending on the amount your cistern tap projects into the cistern (see Fig 9).

Fit the cistern lid and flush button.

Final Fit-off

Please test flush the toilet multiple times to check that it is flushing correctly and that there are no leaks. Once you are confident that the toilet flushes correctly and there are no leaks, run a bead of silicon around the pan.

Fit the seat as per the seat manufacturer's instructions.



Fig 8A

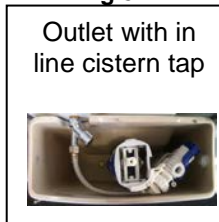


Fig 8B

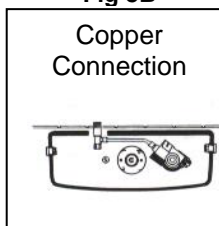


Fig 9

Trouble-shooting guide

1. **Please do not use Blue Loo** or similar products inside the cistern as the chemicals released will deteriorate the fittings inside the cistern. Products of this nature should be attached to the pan if being used. (Ceramicplus easy clean dirt repellent finish is available on most Villeroy & Boch Pans.)
2. **Bottom water inlet** is available on Architectura U BTW toilets, see dimension table on page 1
3. **Retro fit top fixing cistern kit**, Part # 994054, should you need to remove the cistern for maintenance, a retro fit top fixing kit is available to ensure you do not have to remove the pan to get the cistern off.
4. **For toilet with FI rough in**, Order part # 010720806 (1/2" – 3/8" adaptor) and use in conjunction with a standard 1/2 x 1/2 cistern cock if rough-in has been made with 1/2" male iron.

Please note: Australian Standards AS/NZ6400:2005 applies.

IE. Suitable for high pressure applications up to 500KPA.