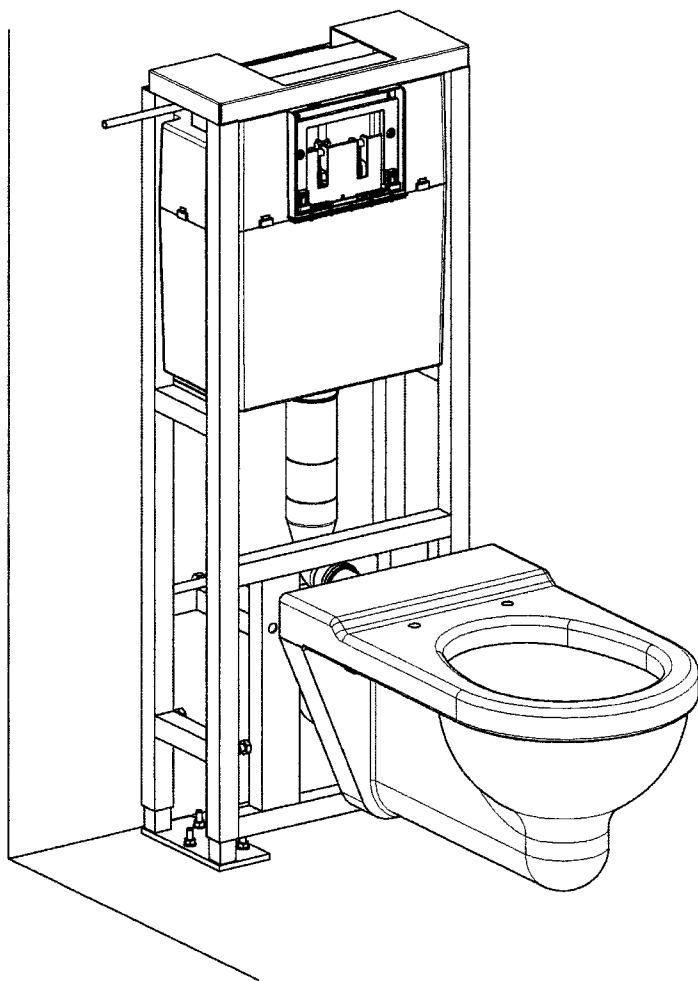


SIAMP

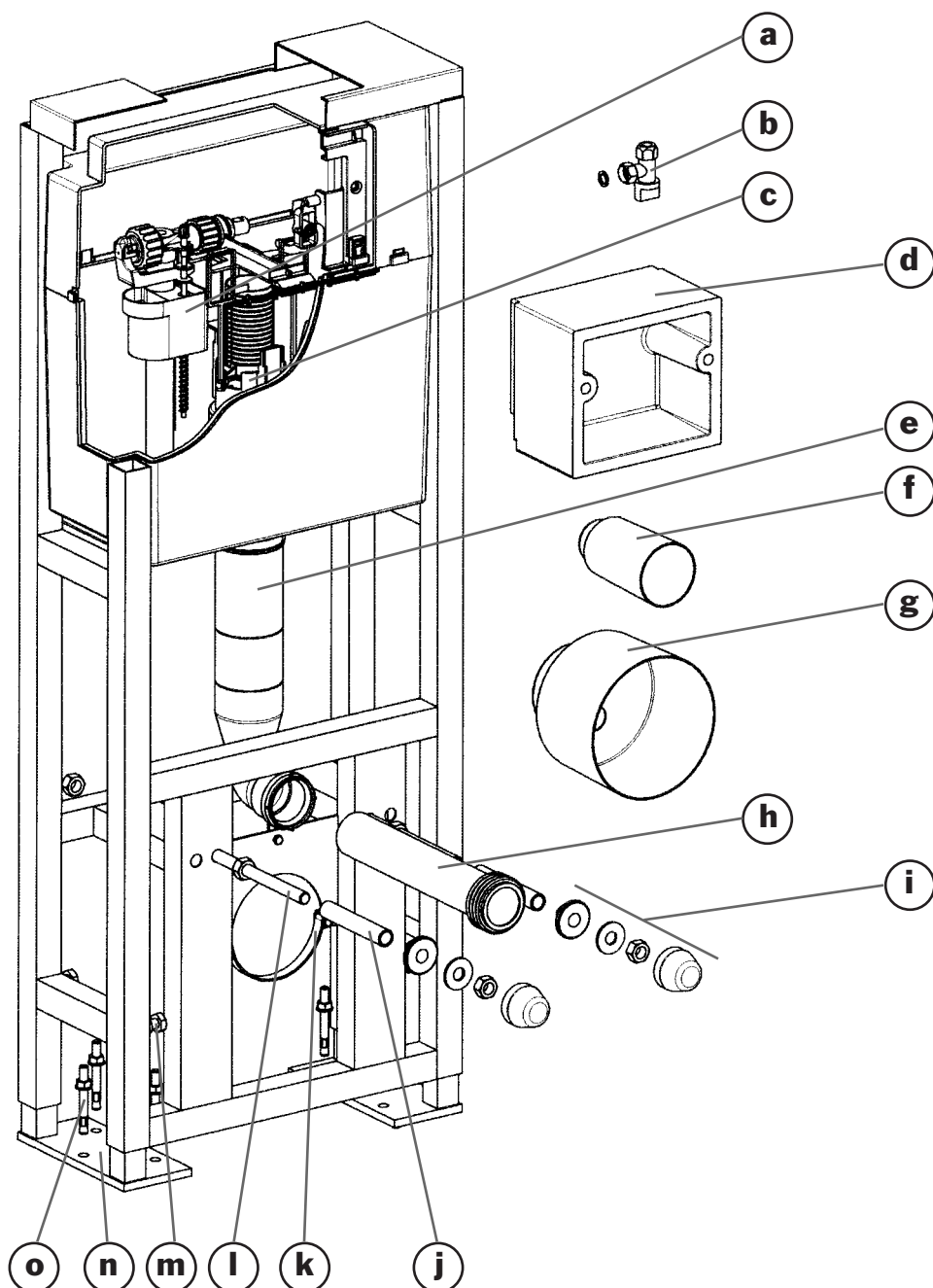
Monaco



CISTERN FRAME
VERSO BCS 1100

ASSEMBLY AND MAINTENANCE MANUAL

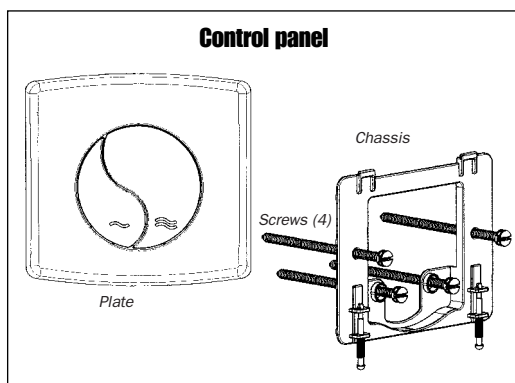
DESCRIPTION



- a** Float valve
- b** Shut-off valve
- c** Mechanism
- d** PSE template
- e** Supply bend
- f** Supply bend cap
- g** Toilet pipe cap
- h** Supply sleeve
- i** Bowl attaching kit
- j** Flexible sheaths (x 2)
- k** Pipe attaching collar
- l** Toilet bowl attaching rods (x 2)
- m** Setscrew (x 4)
- n** Adjustable foot (x 2)
- o** Screw plug (x 6)

ACCESSORIES

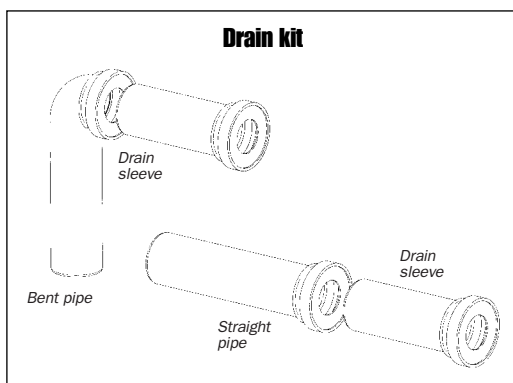
Control panel



White single volume plate
 Chrome double volume plate
 White double volume plate
 Chrome double volume plate

Ref. 31 1830-10
 Ref. 31 1880-10
 Ref. 31 1800-10
 Ref. 31 1850-10

Drain kit



Bent drain kit
 Straight drain kit

Ref. 92 4000-07
 Ref. 92 4010-07

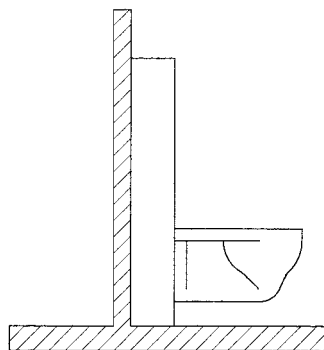
Tools required:

- Set of wrenches from 8 to 19 mm
- Hack saw
- Electric drill + bit dia 8 mm
- Spirit level
- Pencil + ruler
- Tape measure
- Hammer

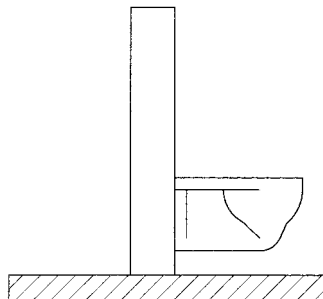
Advice:

- Keep the product package during installation: there is a cutting template on the back
- Keep these instructions safety for any maintenance operations.

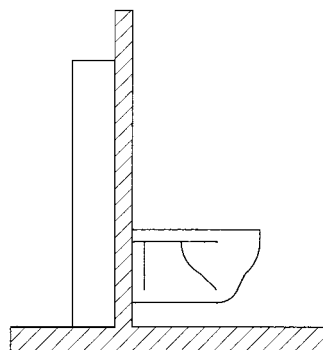
INSTALLATION TYPES



❶ Mounted in front of a light partition

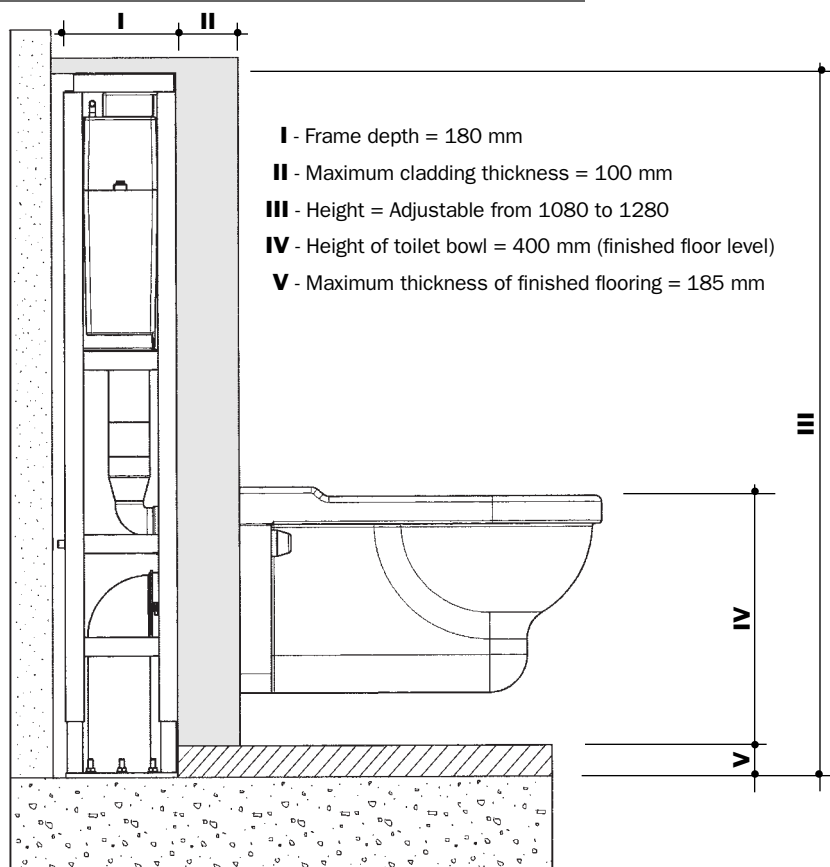


❷ For constructing a half-partition

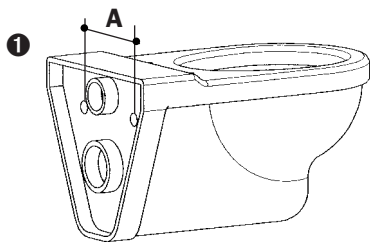


❸ In a technical riser (maximum wall thickness 100 mm)

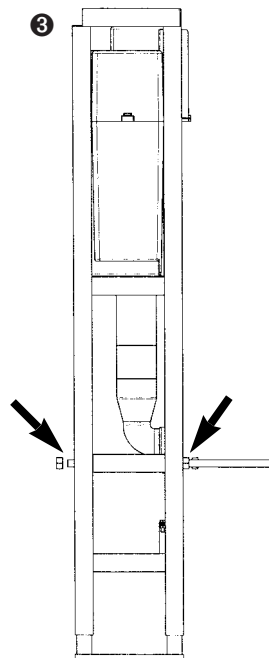
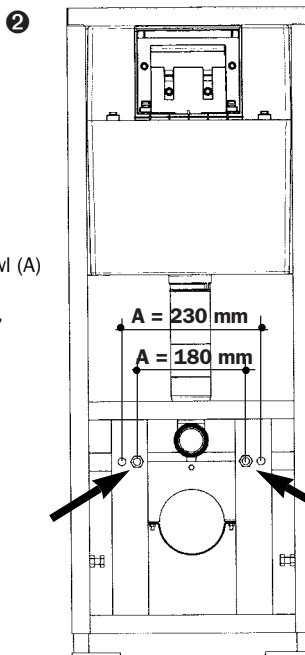
EFFECTIVE DIMENSIONS



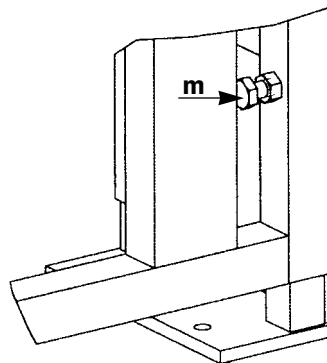
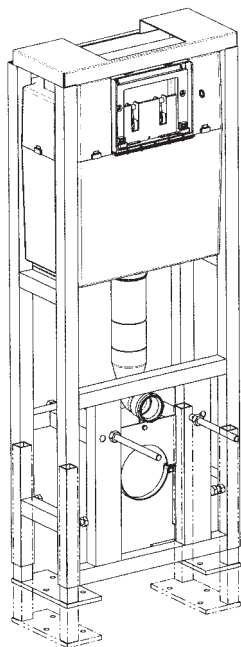
I - ASSEMBLING THE TOILET BOWL ATTACHING RODS



- ❶ Measure the center distance of the toilet bowl (A)
- ❷ Insert the rods (I) into the holes of the frame, corresponding to the center distance
- ❸ Lock the rods with nuts



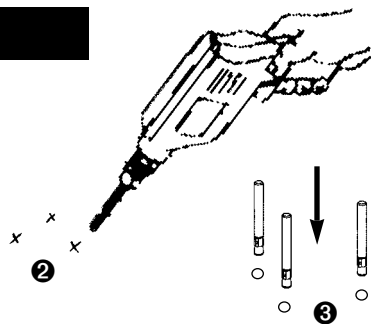
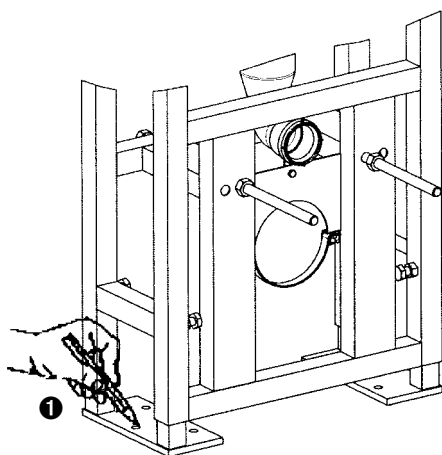
II - ADJUSTMENT OF THE FRAME HEIGHT



- ❶ Position the frame in its final location
- ❷ Undo the 4 setscrews (m)
- ❸ Adjust the height of the feet so that the top of the toilet bowl is at a height of 400 mm from the finished floor level.
- ❹ Check that the frame is level (vertically and horizontally) and tighten the setscrews

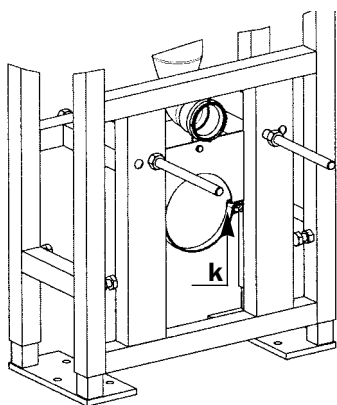
⚠ If the frame is being attached to an unfinished floor surface, the maximum thickness of the finished floor surface shall not be more than 185 mm.

III - PREPARING FOR ATTACHMENT



- ❶ Mark the drilling points
- ❷ Remove the frame and drill to a depth of 65 mm at the least, using an 8 mm diameter drill bit
- ❸ Position the screw plugs in the holes
- ❹ Move the frame back in place and connect the drain pipe

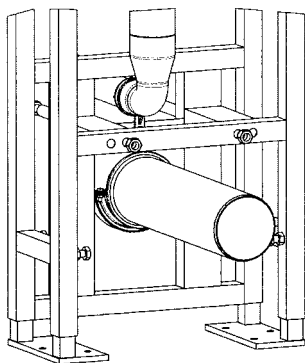
IV - CONNECTING THE DRAIN OUTLET



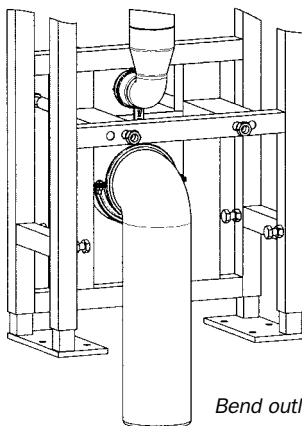
- ❶ Attach the collar (k)
- ❷ Position the drain outlet pipe
- ❸ Tighten the collar (k)

⚠ Before gluing the drain outlet pipe to the main drain pipe, ensure that the frame is correctly positioned.

If the drainpipe is not opposite the outlet pipe, the connection can be made using PVC bends and couplings.

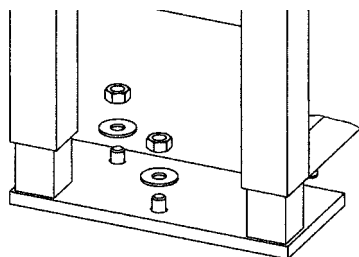


Straight outlet



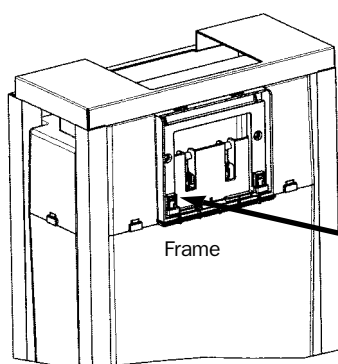
Bend outlet

V - ATTACHING THE FRAME

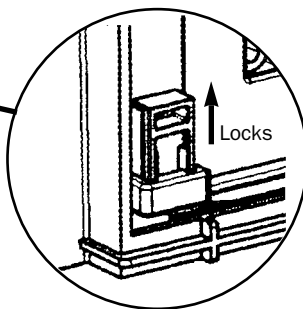


❶ Attach the frame definitively

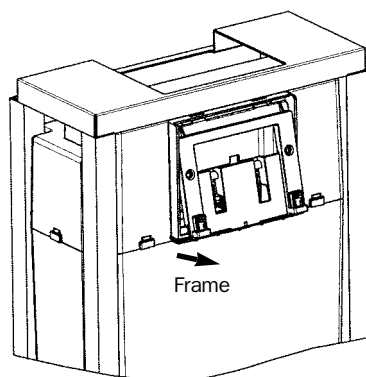
VI - WATER SUPPLY CONNECTION



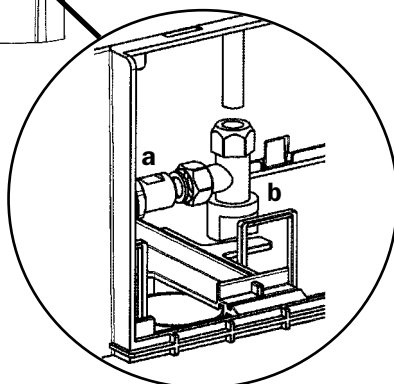
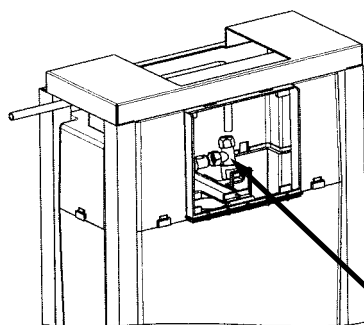
Frame



Locks

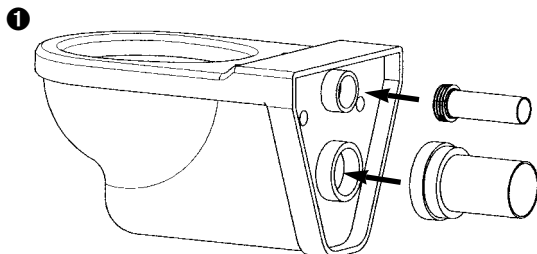


Frame

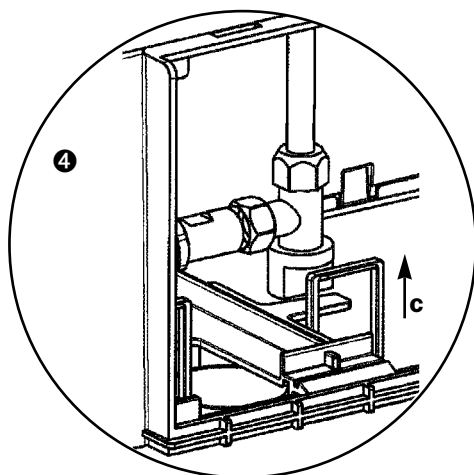
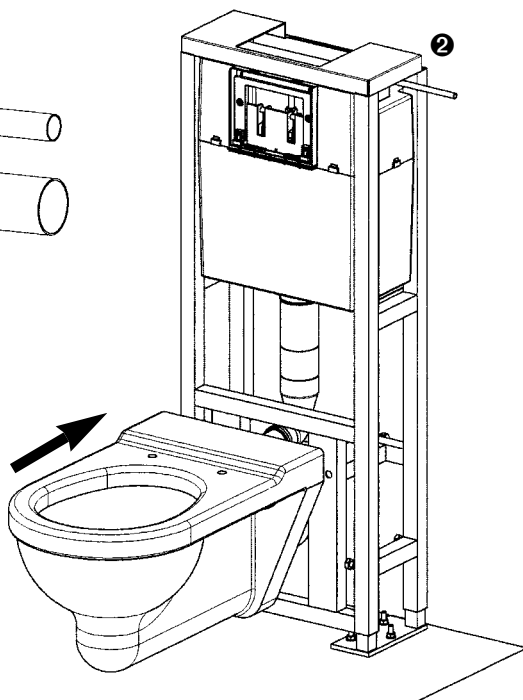


- ❶ Remove the frame by lifting the two locks
- ❷ Insert the water supply tube in the cistern
- ❸ Connect your pipe to the shut-off valve (b) either using the dual cone supplied or directly with the nuts provided on the water inlet (in this case, ensure tightness using a fibre washer)
- ❹ Connect the shut-off valve (b) to the float valve (a) (ensure tightness by a fibre washer).

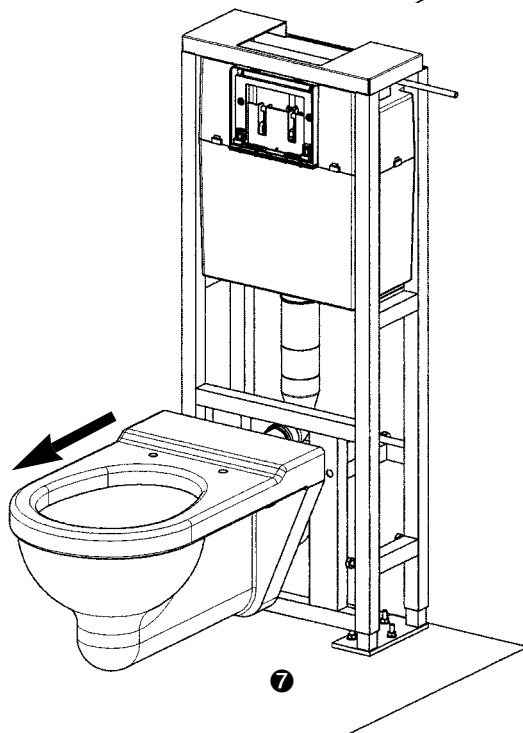
VII - TESTING WITH WATER



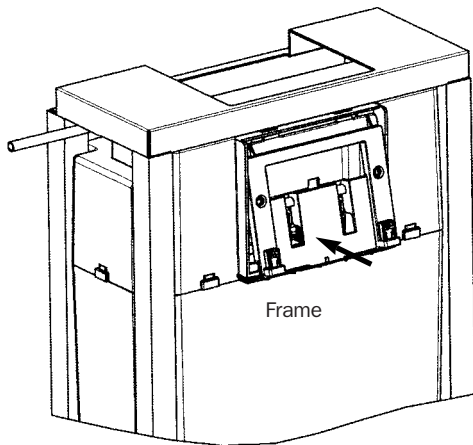
- ❶ Insert the supply sleeve (h) and the drain sleeve on the toilet bowl
- ❷ Position the toilet bowl on the frame
- ❸ Turn on the water using the shut-off valve (b) and wait until the toilet bowl fills
- ❹ Manually operate the mechanism (c) using the flush-pull control



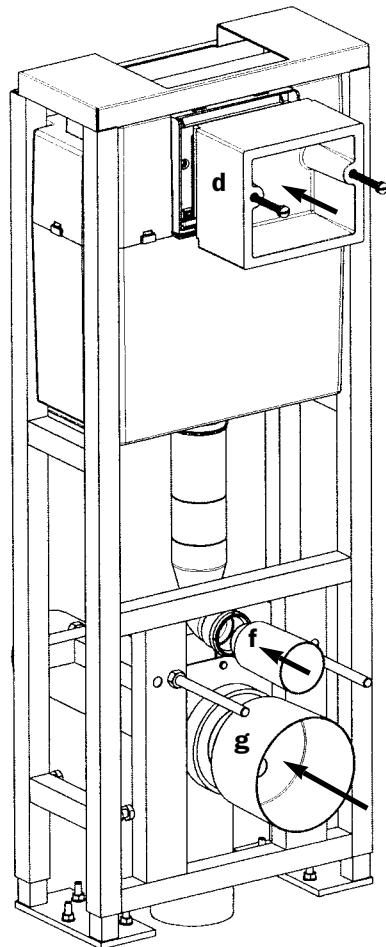
- ❺ Check the tightness of the supply and drain connections
- ❻ Close the shut-off valve and drain the cistern
- ❼ Remove the toilet bowl



VIII - PREPARING THE CLADDING



- ❶ Fit the frame
- ❷ Attach the PSE template (d) to the frame using the two grey screws provided in the control panel box
- ❸ Fit the caps (f) and (g) on the supply bend (e) and on the drain pipe as well as the flexible sheaths (i) over the attaching rods of the toilet bowl (l)



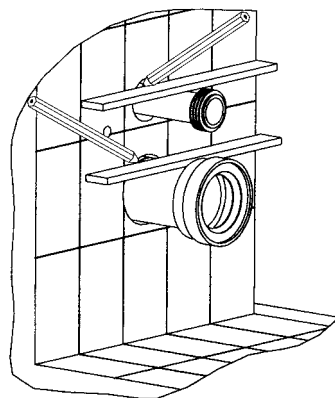
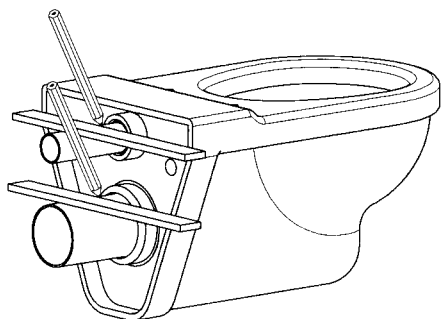
IX - CLADDING

⚠ The maximum cladding thickness shall be no more than 100 mm

Cladding can be of various materials (brick, plaster blocks, plaster board, water repellent wood panels etc).

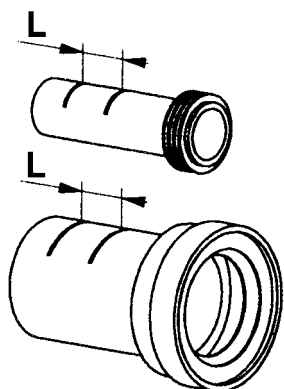
Cut the various holes (control panels and drain and supply of toilet bowl and toilet bowl attaching holes). There is a cutting template included on the back of the package.

X - TOILET BOWL CONNECTION



❶ Using a rule placed as shown in the above drawing, draw a mark on the toilet bowl side, on the two sleeves.

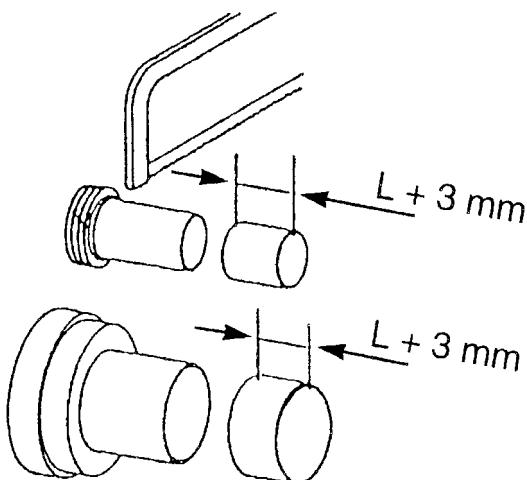
❷ Remove the sleeves from the toilet bowl and fit them to the frame. Using a rule placed as shown in the drawing above, make a mark on the wall side, on the two sleeves



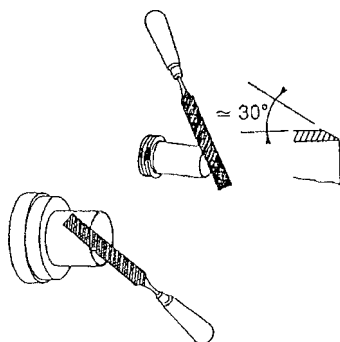
❸ For each of the sleeves, measure the dimension (L) between the two marks.

❹ Transfer this dimension (L) by increasing by 3 mm at the end (frame side) the size obtained on each sleeve. For instance, if $L = 50$ mm, shorten the sleeve by 53 mm.

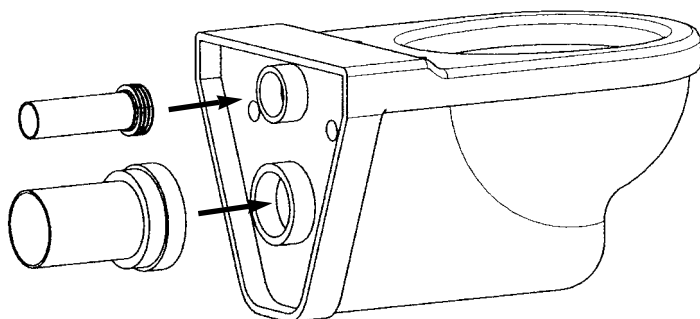
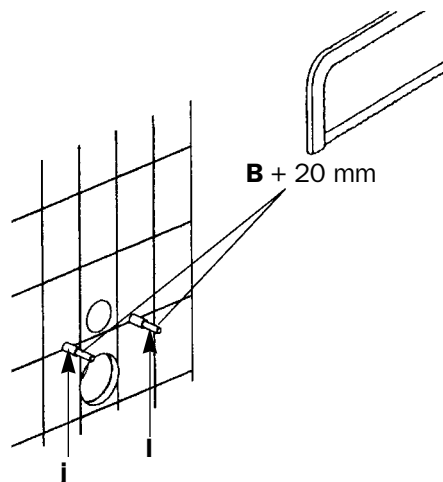
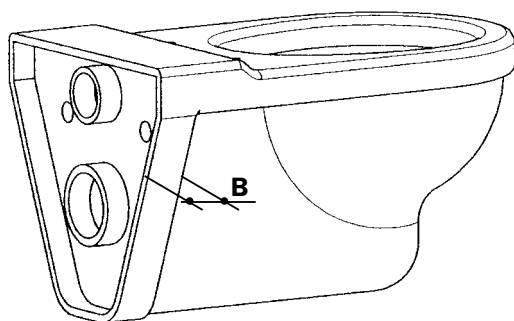
❺ Cut the sleeves using a hack saw.



X - CONNECTING THE TOILET BOWL (cont'd)



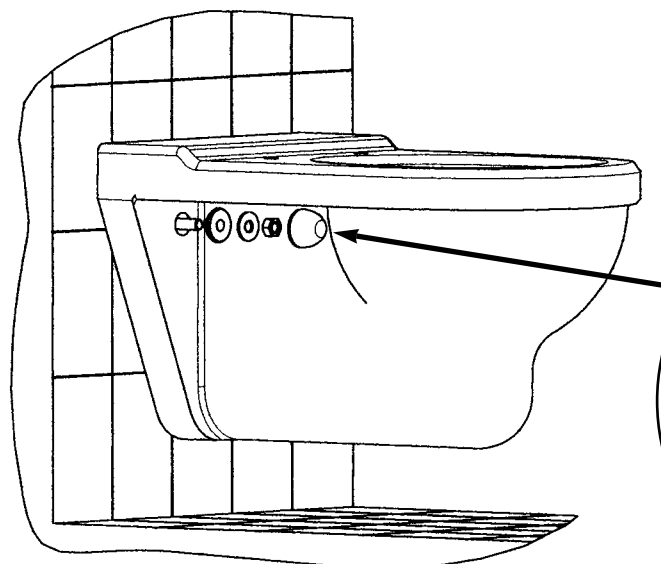
- ⑥ Deburr the cut pipes using a file
- ⑦ Measure the thickness at the rear of the toilet bowl (B)
- ⑧ If necessary, cut the attaching rods (l) so that the part protruding from the wall measures (B) + 20 mm
- ⑨ Shorten the flexible sheaths (j) so that the part protruding from the wall measures (B) - 15 mm



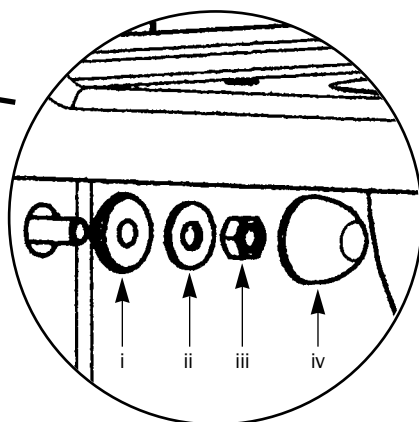
- ⑩ Fit the supply sleeve (h) and the drain sleeve onto the toilet bowl. Then position the toilet bowl on the two attaching rods.

⚠ To facilitate the fitting of the drain sleeve onto the bowl and the pipe, use soapy water.

XI - ATTACHING THE TOILET BOWL

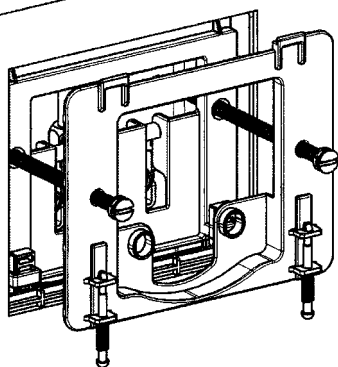


- ❶ When the toilet bowl is correctly positioned, attach it using the kit (i) complying with the part stacking order:
 i = centering washer
 ii = metal washer
 iii = nut
 iv = cover



XII - INSTALLING THE CONTROL PANEL

❶



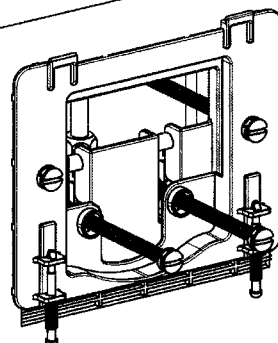
- ❶ Attach the control panel chassis to the frame using the two grey screws

⚠ If the mounting surface is not very thick, shorten the screws by simply breaking them at the notch provided for the purpose.

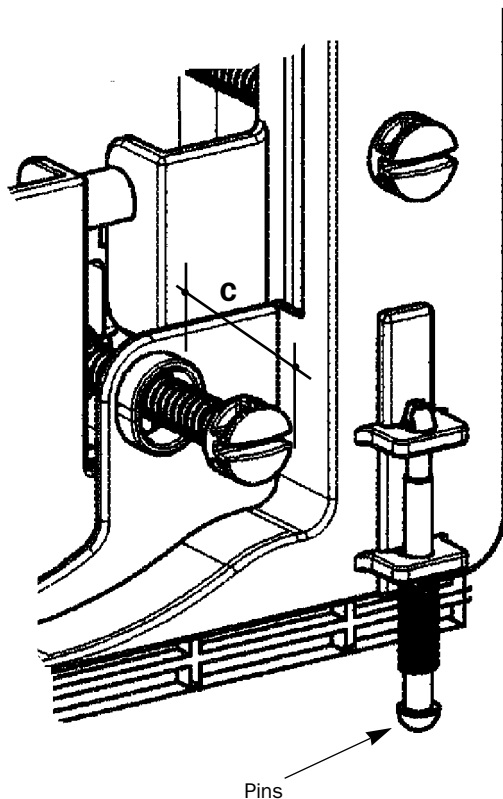
- ❷ Install the two control screws (the two remaining grey screws)

⚠ If the mounting surface is not very thick, shorten the screws by simply breaking them at the notch provided for the purpose.

❷

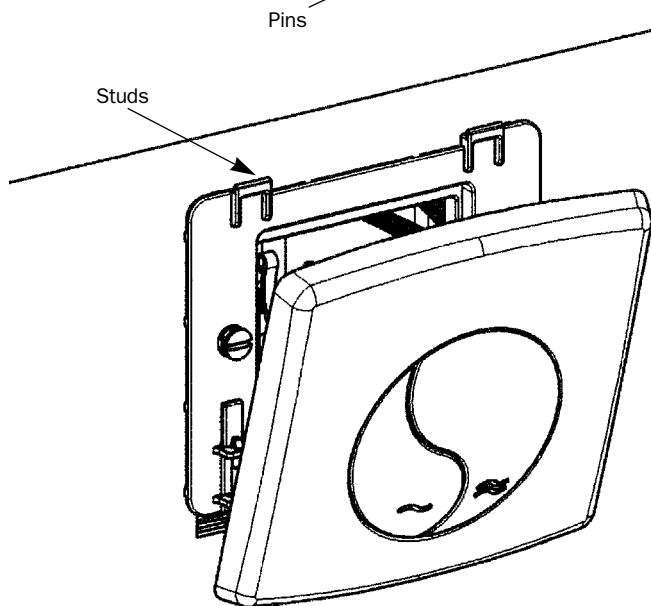


XII - POSITION IN THE CONTROL PANEL (cont'd)



- ① Adjust operating screws so that size (C) is 31 mm.

NB : (C) = form the outside of the collar to the head of the screw.

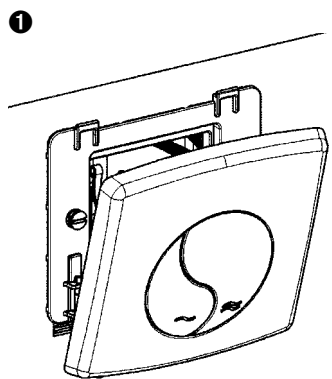
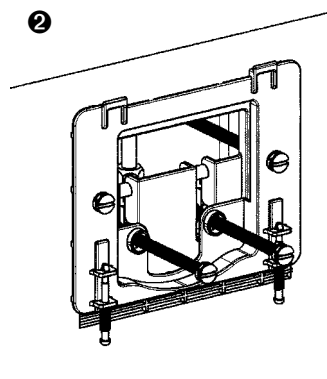
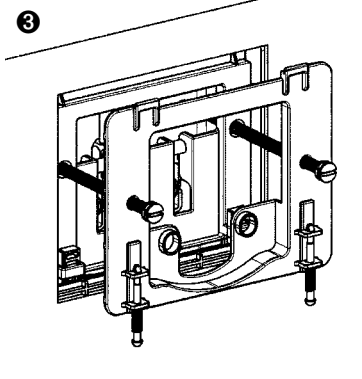
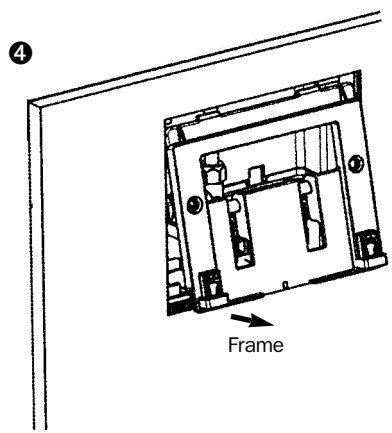
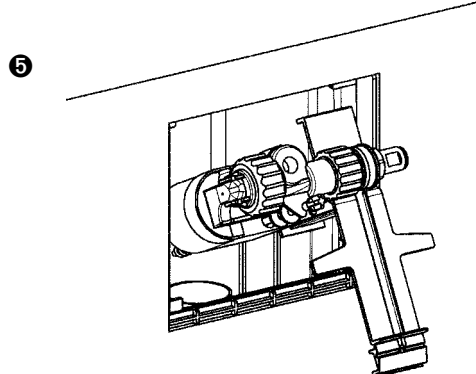
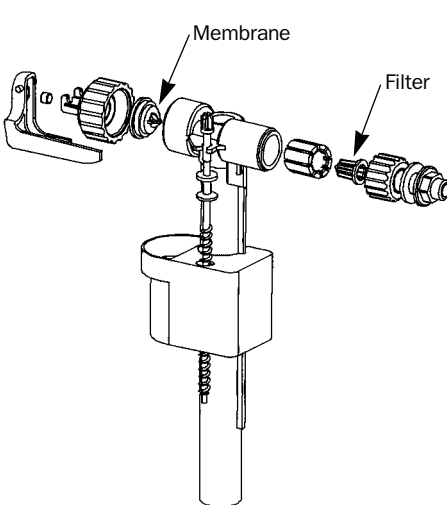


- ② Engage the control plate from the bottom on the spring pins then raise slightly to clip the plate over the studs.

MAINTENANCE OPERATIONS

During the use of your **VERSO** BCS 1100 flushing cistern, you may be required to maintain the equipment.

I - MAINTENANCE OF THE VALVE (filter cleaning, replacement of membrane)

- 1  The control panel is shown being lifted slightly and tilted forward from its mounted position.
 - 2  The control panel is removed, revealing the internal valve mechanism. Two screws are shown being removed from the top of the valve housing.
 - 3  The chassis is shown being unscrewed from the back of the valve housing.
 - 4  The frame is shown being removed from the wall. An arrow points to the frame with the label "Frame".
 - 5  A close-up of the valve handle being turned to the closed position.
- 1 Remove the control panel by lifting it slightly and tilting it forward
 - 2 Remove the operating screws
 - 3 Loosening the chassis screws and remove the chassis
 - 4 Remove the frame as indicated under point VI of the manual
 - 5 Close the shut-off valve (b) and separated from the float valve (a).
 - 6 Swivel the spaces supporting the valve and remove the valve
- 
- This diagram shows the valve handle and internal components. A label "Membrane" points to the top of the valve body, and a label "Filter" points to the filter element at the bottom of the handle assembly.

- 7 After operation repeatedly operations in the opposite order, taking care to reopen the shut-off valve (b)

Spare parts:

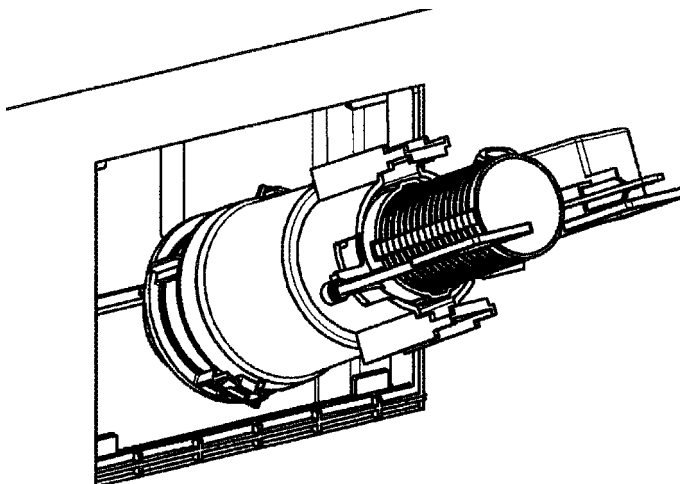
Membrane: P/N 349513-07

Complete valve: P/N 309503-07

MAINTENANCE OPERATIONS (cont'd)

II - MECHANISM MAINTENANCE (cleaning or replacement of the seal)

Proceed in the same way as for the maintenance of the valve up to point ⑥ then:

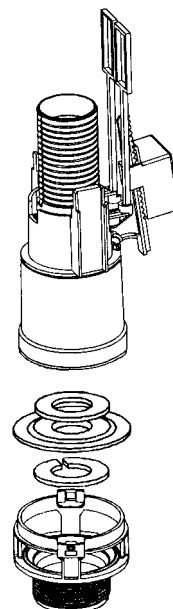
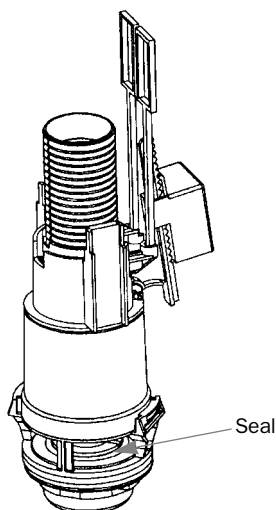


- ① Grasp the mechanism by the base and remove it from the cistern

Spare parts:

Seal P/N 34 2332-07

Complete mechanism: P/N 32-4544-07



- ② When maintenance is over, repeat all the steps in the opposite order.

⚠ To position the mechanism properly it is provided with a polariser on the base

You have just installed a cistern frame forming part of the **VERSO** range by SIAMP and we would like to thank you for your confidence in our products.

As expert in technical equipment and accessories for the toilet, SIAMP has taken every possible measure to apply all the necessary care to the design and production of this product, offering a ten-year guarantee except for rubber parts and manpower. For any complementary information, or indicated claim, please contact your dealer.

Or contact directly:

SIAMP

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Site Internet: [http://: www.siamp.com](http://www.siamp.com)