

SIAMP

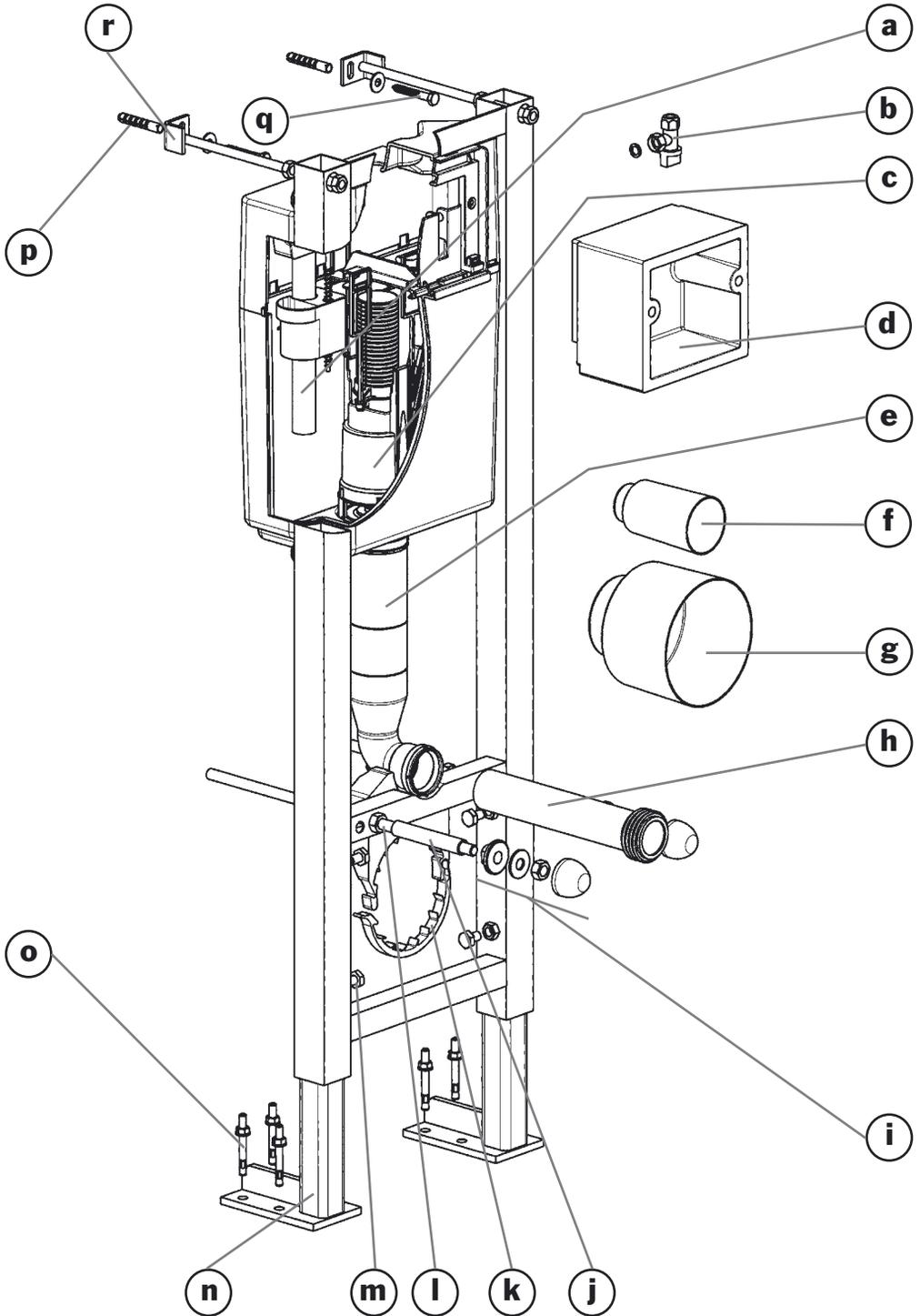
Monaco



CISTERN FRAME **VERSO** BCU 350

ASSEMBLY AND MAINTENANCE MANUAL

DESCRIPTION

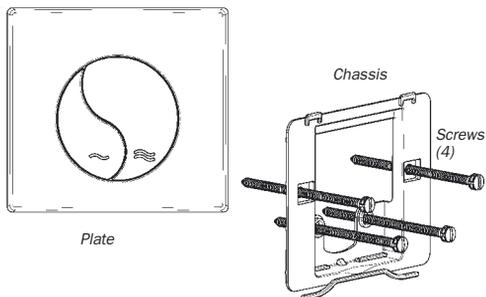


- a**) Float valve
- b**) Stopcock with fibre joint
- c**) Mechanism
- d**) PSE template
- e**) Supply bend
- f**) Supply bend cap
- g**) Toilet pipe cap
- h**) Supply sleeve
- i**) Bowl attaching kit

- 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)
 - p**) Plug (x 2)
 - q**) Screw plug (x 2)
 - r**) Attaching brackets (x 2)
- N.B.: Optional

ACCESSORIES

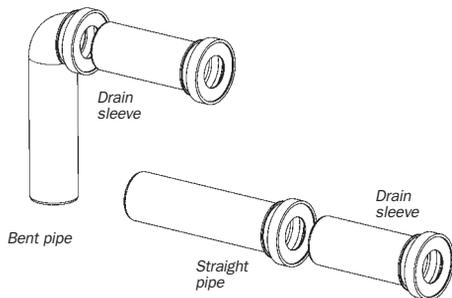
Control panel



- 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:

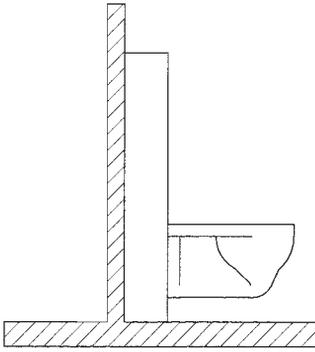
- Set of wrenches from 8 to 19 mm
- Hack saw
- Electric drill + bit dia 8 mm
- Spirit level
- Pencil + ruler
- Tape measure
- Hammer
- Screw driver

Advice:

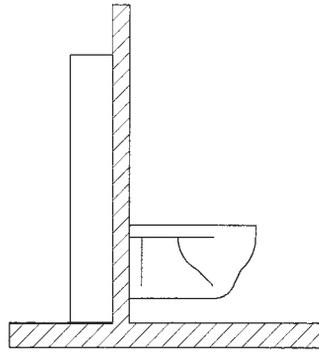
- Keep the product package during installation: there is a cutting template on the back
- Keep these instructions safety for any maintenance operations.

⚠ Read bowl and toilet seat instructions before installing the cistern frame.

INSTALLATION TYPES

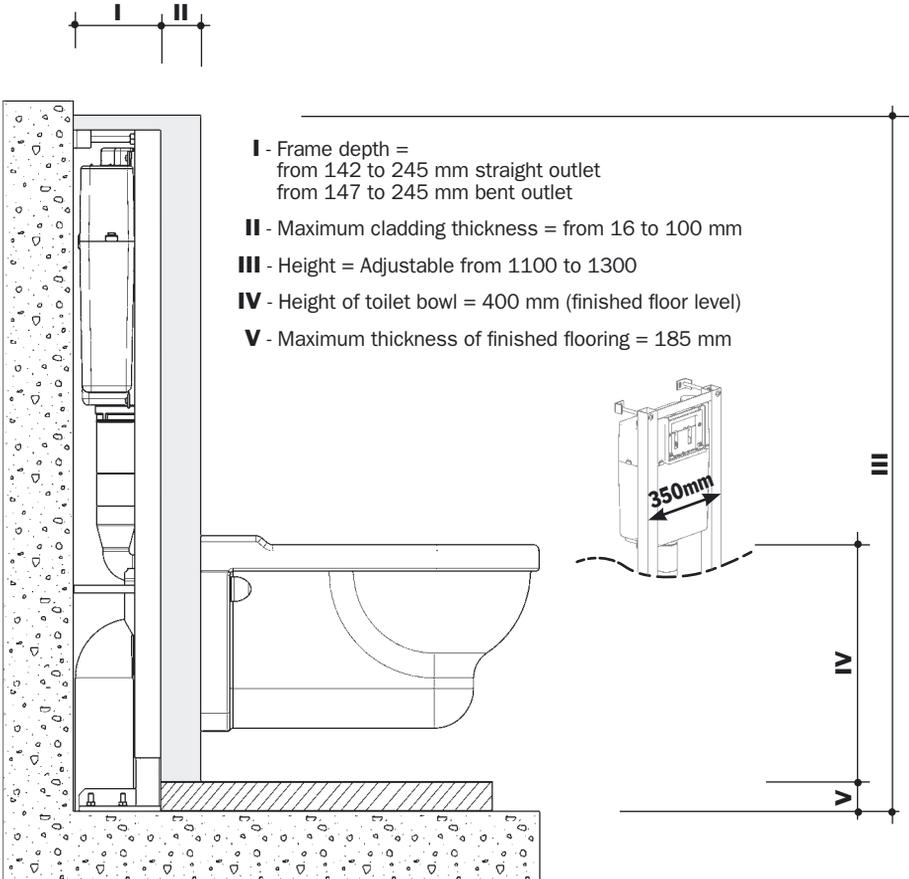


① Mounted in front of a light partition



② In a technical riser (maximum wall thickness 100 mm)

EFFECTIVE DIMENSIONS



I - Frame depth =
from 142 to 245 mm straight outlet
from 147 to 245 mm bent outlet

II - Maximum cladding thickness = from 16 to 100 mm

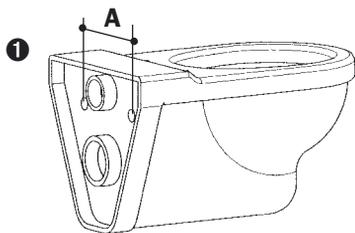
III - Height = Adjustable from 1100 to 1300

IV - Height of toilet bowl = 400 mm (finished floor level)

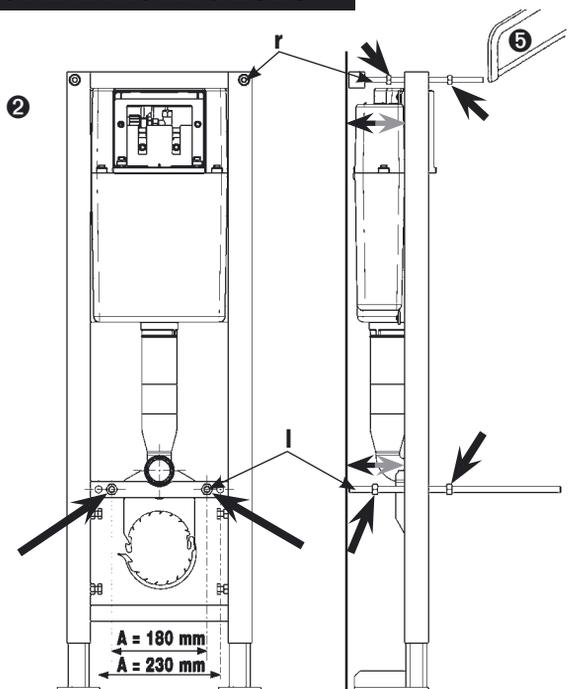
V - Maximum thickness of finished flooring = 185 mm

350mm

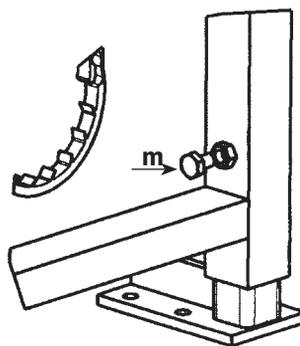
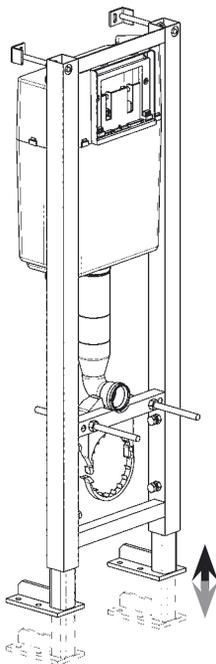
I - ASSEMBLING THE TOILET BOWL ATTACHING RODS



- 1 Measure the center distance of the toilet bowl (A)
- 2 Insert the rods (l) into the holes of the frame, corresponding to the center distance
- 3 Lock the rods with nuts.
- ⚠ This cistern frame is thought in order to be fixed into the ground, but as an option wall brackets can be used. To install the latest follow path 4,5 and 6.
- 4 Position the frame in place
- 5 Position the wall mounting bracket (r) against the wall and attach it with the nuts, first checking that the frame is vertically level
- 6 Use a hacksaw to cut the threaded rods of the bracket protruding from the frame

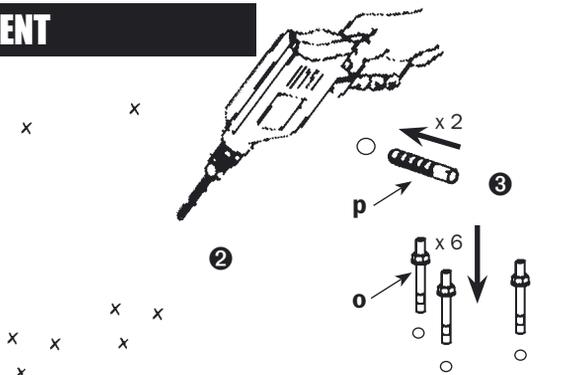
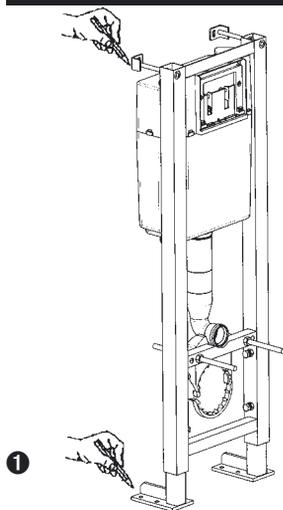


II - ADJUSTMENT OF THE FRAME HEIGHT



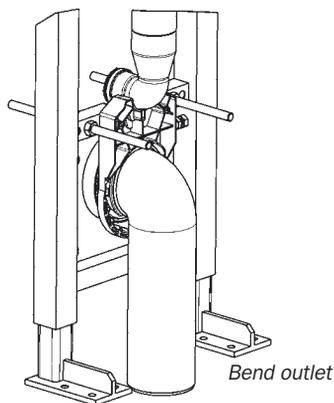
- 1 Position the frame in its final location
 - 2 Undo the 4 setscrews (m)
 - 3 Adjust the height of the feet so that the top of the toilet bowl is at a height of 400 mm from the finished floor level.
 - 4 Check that the frame is level (vertically and horizontally) and tighten the setscrews
- ⚠ If the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



- 1 Mark the drilling points
- 2 Remove the frame and drill to a depth of 55 mm at maximum, using an 8 mm diameter drill bit for ground metal plugs. For wall plugs use a 10 mm diameter drill bit, and drill to a depth of 70 mm
- 3 Move the frame back in place, position the screw (o) plugs in the holes without any effort
- 4 Connect the drain pipe

IV - CONNECTING THE DRAIN OUTLET

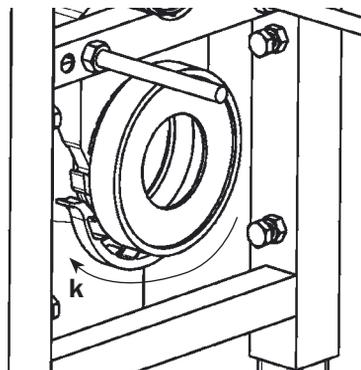
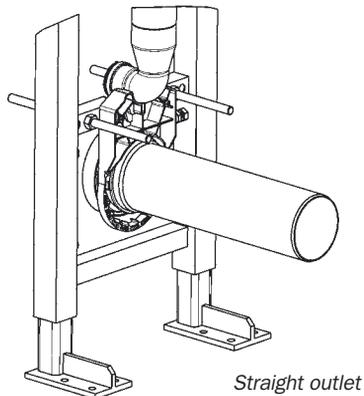


- 1 Attach the collar (k)
- 2 Position the drain outlet pipe

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

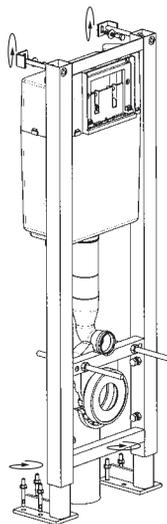
If the drainpipe is not opposite the outlet pipe, the connection can be made using PVC bends and couplings.

or

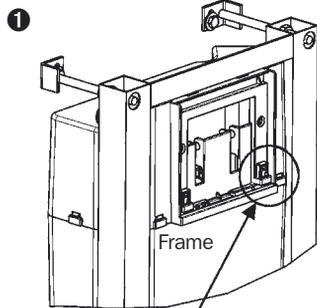


V - ATTACHING THE FRAME

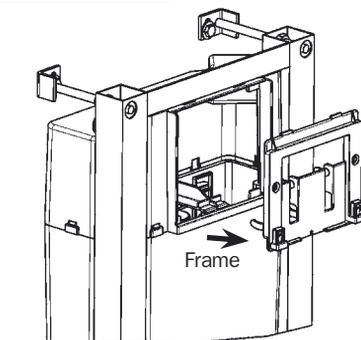
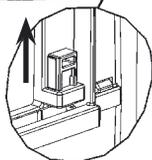
- 1 Attach the frame definitively using wall screw plugs and ground metal plugs.



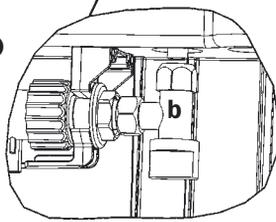
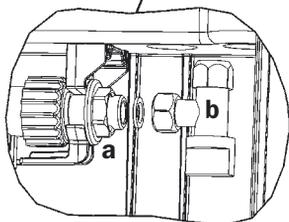
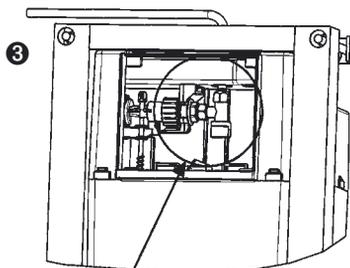
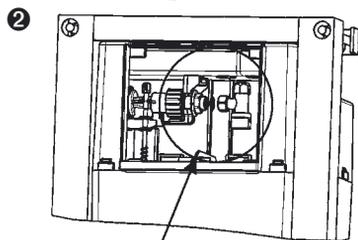
VI - WATER SUPPLY CONNECTION



Locks

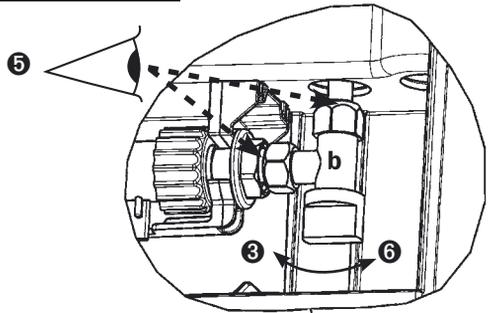
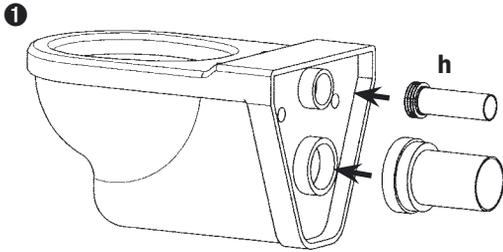


Frame



- 1 Remove the frame by lifting the two locks
- 2 Insert the water supply tube in the cistern
- 3 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)
- 4 Connect the shut-off valve (b) to the float valve (a) (ensure tightness by a fibre washer).

VII - TESTING WITH WATER



1 Insert the supply sleeve (h) and the drain sleeve on the toilet bowl

2 Position the toilet bowl on the frame

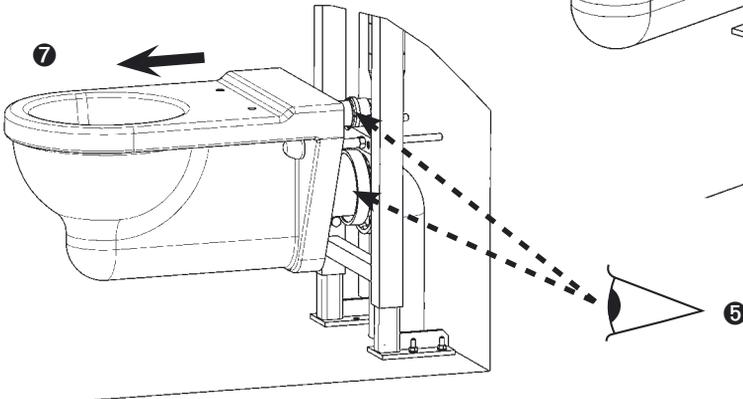
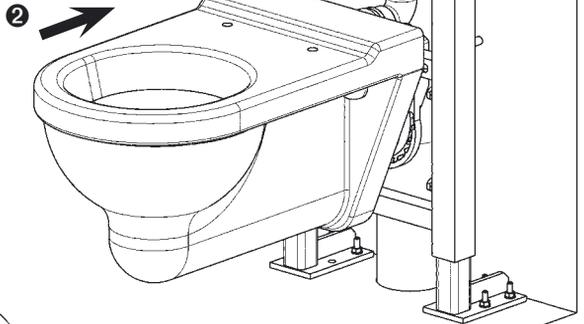
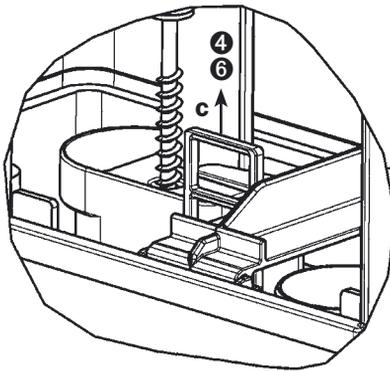
3 Turn on the water using the shut-off valve (b) and wait until the toilet bowl fills

4 Manually operate the mechanism (c) using the flush-pull control

5 Check the tightness of the supply and drain connections

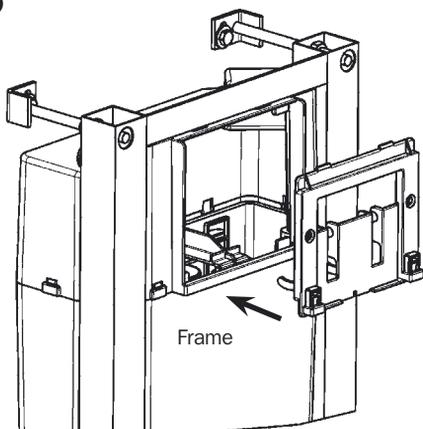
6 Close the shut-off valve and drain the cistern

7 Remove the toilet bowl

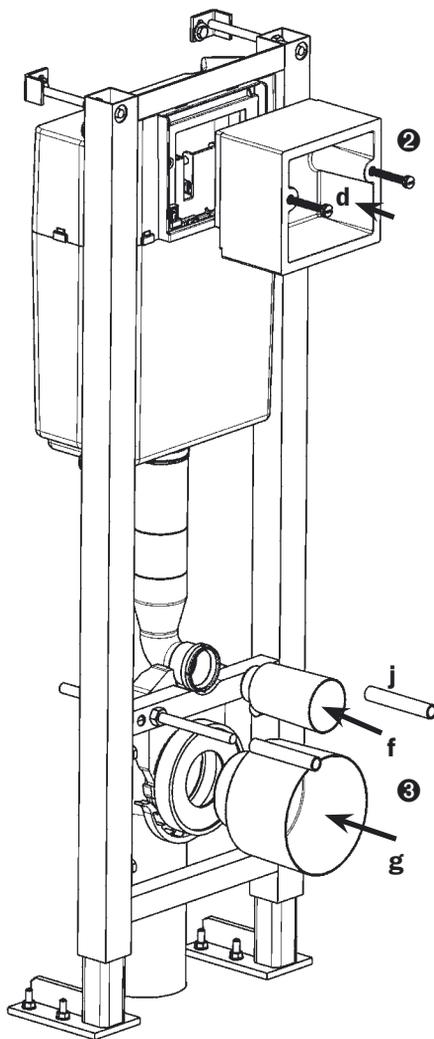


VIII - PREPARING THE CLADDING

1



- 1 Fit the frame
- 2 Attach the PSE template (d) to the frame using the two grey screws provided in the control panel box
- 3 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 thickness of the covering must be between 16 and 100mm, the covering must be fixed to the support structure.

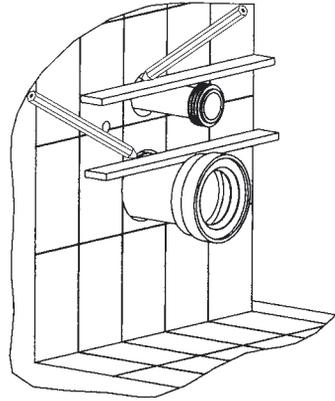
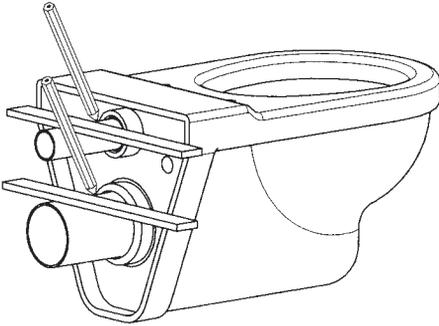
Cladding can be of various materials (brick, plaster blocks, plaster board, water repellent wood panels etc).

For the preliminary punching out of the various holes (command plate, evacuation and filling of the bowl, and bowl-fixing rods) a measuring gauge can be found on the back of the packing.

Once the covering is finished, take off the PSE gauge (d), keep the screws for fixing on the command plaque, take off the shutters (f) and (g).

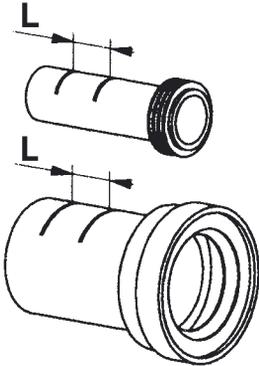
X - TOILET BOWL CONNECTION

⚠ Read bowl and toilet seat instructions before installing the cistern frame.



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

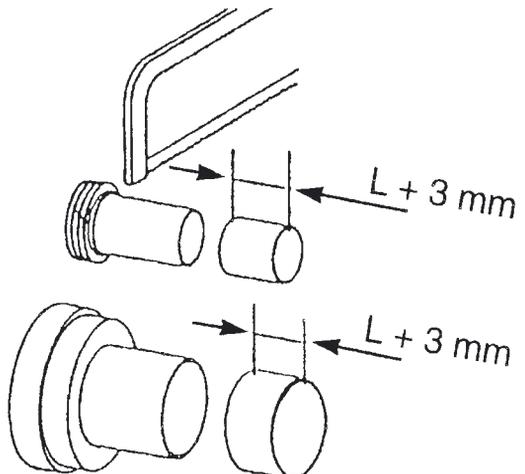
❷ Remove the sleeves from the toilet bowl and fit them to the frame. Using a rule placed as shown in the drawing above, make a mark on the wall side, on the two sleeves.



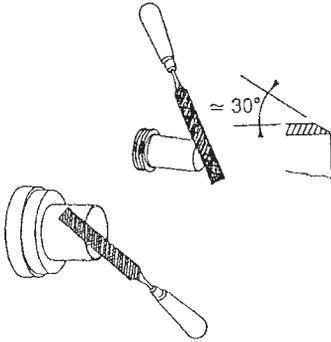
❸ For each of the sleeves, measure the dimension (L) between the two marks.

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.

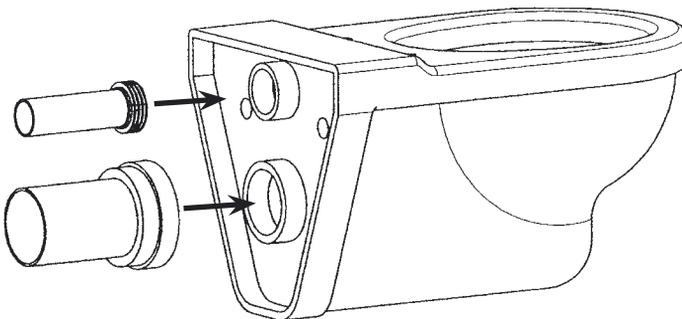
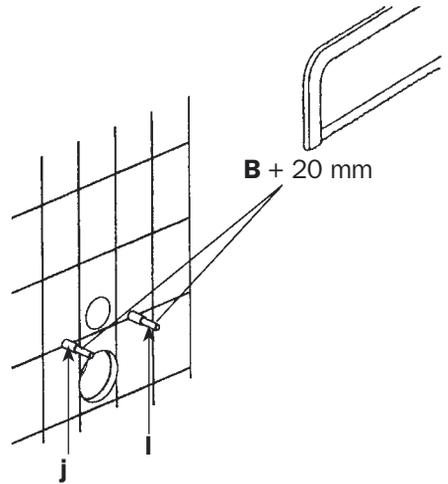
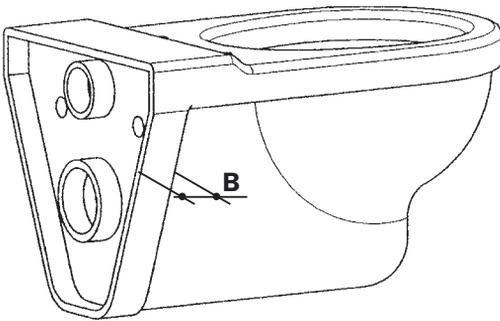
❺ Cut the sleeves using a hack saw.



X - CONNECTING THE TOILET BOWL (cont'd)



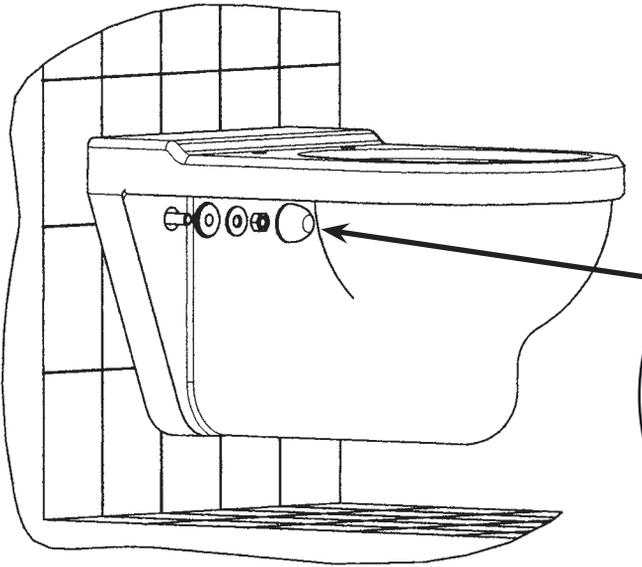
- 6 Deburr the cut pipes using a file
- 7 Measure the thickness at the rear of the toilet bowl (B)
- 8 If necessary, cut the attaching rods (l) so that the part protruding from the wall measures (B) + 20 mm
- 9 Shorten the flexible sheaths (j) so that the part protruding from the wall measures (B) -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



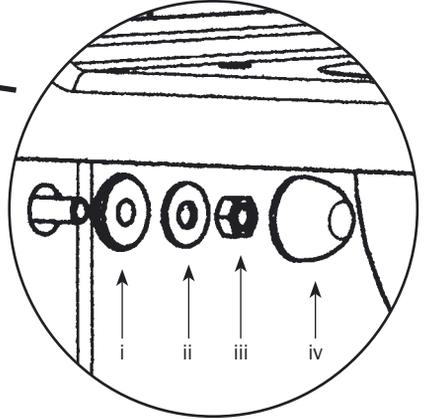
- 10 Fit the supply sleeve (h) and the drain sleeve onto the toilet bowl. Then position the toilet bowl on the two attaching rods.

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

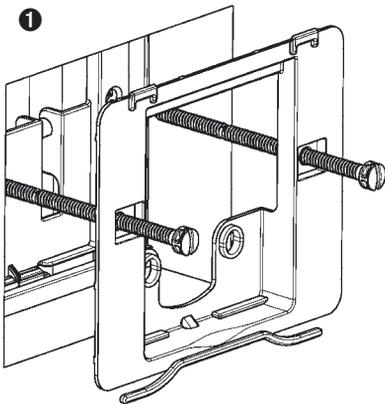
XI - ATTACHING THE TOILET BOWL



- 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

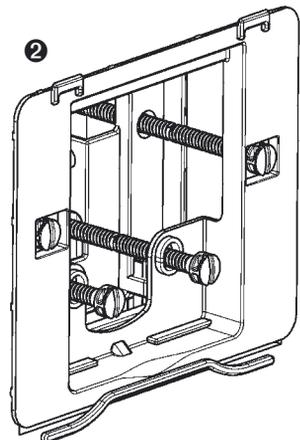


- ❶ Attach the control panel chassis to the frame using the two grey screws

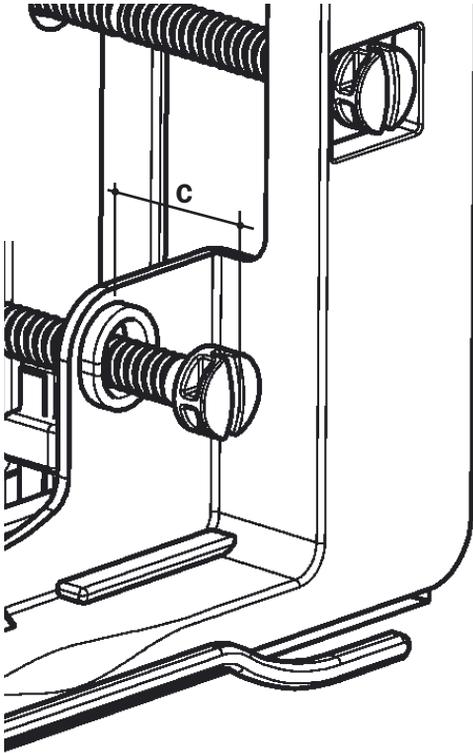
⚠ If the mounting surface is not very thick, shorten the screws by simply breaking them at the notch provided for the purpose.

- 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.



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

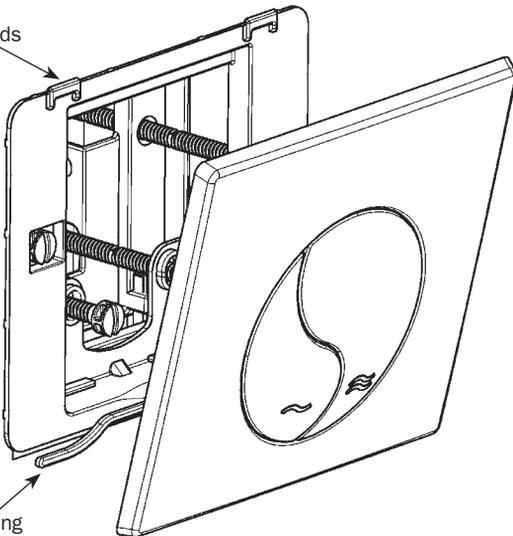


- 1 Adjust operating screws so that size (C) is 31 mm.

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

Studs

Spring



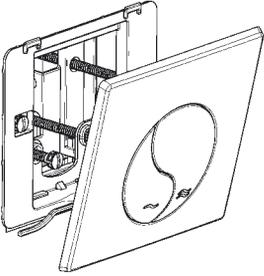
- 2 Engage the control plate from the bottom on the spring pins then raise slightly to clip the plate over the studs.

MAINTENANCE OPERATIONS

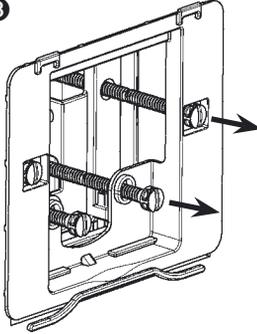
During the use of your **VERSÒ** BCU 350 flushing cistern, you may be required to maintain the equipment.

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

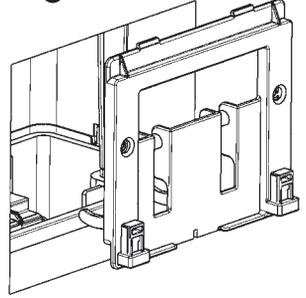
1



2 3

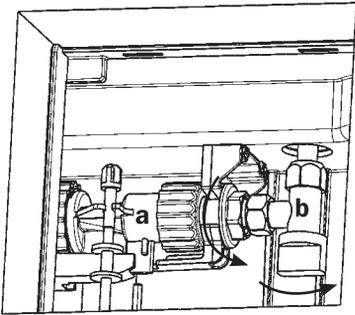


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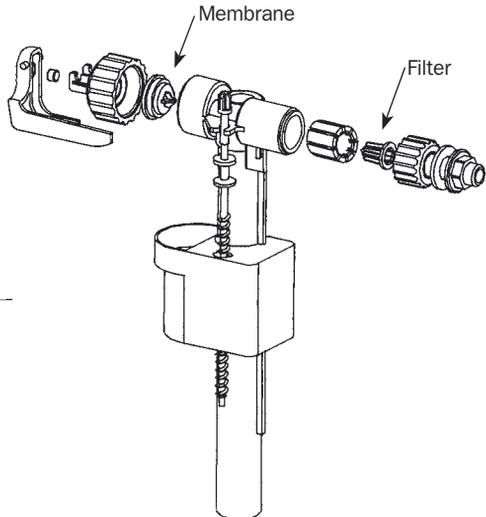
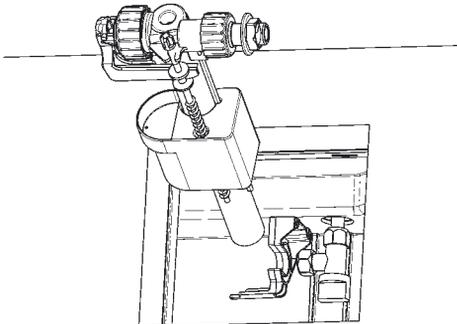


- 1 Remove the control panel by lifting it slightly and tilting it forward
- 2 Remove the operating screws
- 3 Loosening the chassis screws and remove the chassis
- 4 Remove the frame as indicated under point VI of the manual
- 5 Close the shut-off valve (b) and separated from the float valve (a).
- 6 Take out the floater tap

5



6



- 7 Unscrew the screws of the tap to take out the membrane and the filter. Change the membrane and clean the filter

Spare parts:

Membrane: P/N 349513-07

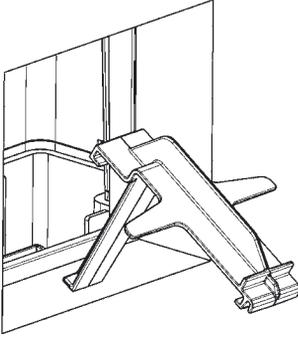
Complete valve: P/N 309503-07

MAINTENANCE OPERATIONS (cont'd)

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

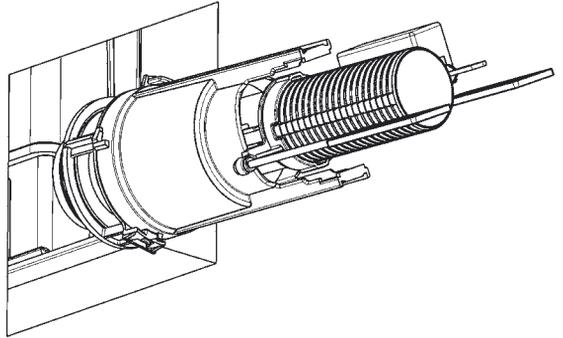
Proceed in the same way as for the maintenance of the valve up to point 6 then:

1



1 Take off the brace

2

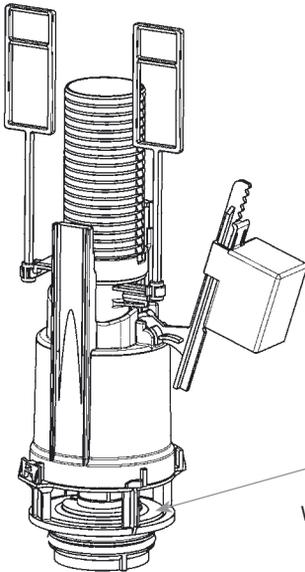


2 Grasp the mechanism by the base and remove it from the cistern

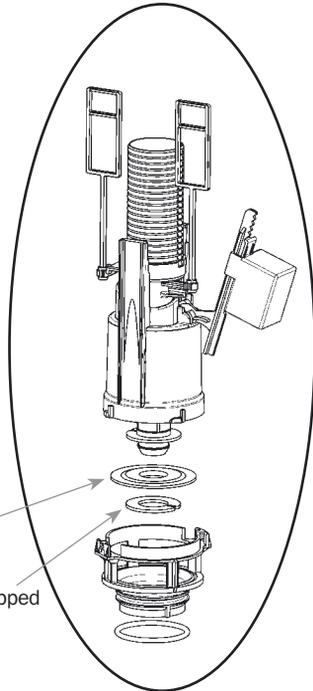
Spare parts:

Seal P/N 34 2332-07

Complete mechanism: P/N 32-4544-07



3



Seal

Washer to be unclipped

3 Unfix the body of the device from the plughole by turning the plughole round. Unclip the washer, take out the seal and change it, then re-assemble the whole set.

⚠ 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:

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