NABIS B24016 Bottom Entry Concealed Cistern and Button Instruction Manual

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Bottom Entry Concealed Cistern and Button

INSTALLATION INSTRUCTIONS

B24016 BE CONCEALED CISTERN
B24017 SE CONCEALED CISTERN

BS 1212-4
Compliant

Getting Started:

- Check to make sure you have all the parts listed.
- Check the product for any signs of damage. It is recommended that a technically competent installer undertakes installation.
- When you are ready to start, make sure that you have the right tools to hand.
- Ensure that you shut off the mains water supply completely before proceeding with the installation.
- Ensure that the mounting surface is sound, clean and dry before the product is installed.

Warning:

- Care should be taken when drilling into walls and floors to avoid any hidden wires or pipes.
- It is the installer's responsibility to carry out a thorough assessment of the installation environment (i.e. wall type/structure) and use appropriate fixings.
- The fixing supplied with this cistern will NOT suit every type of material or construction. The fixing plugs supplied with this product are suitable for solid walls only. Plasterboard or stud walls may require specialist fixings. Always ensure the product is securely installed before use.
- Do not overtighten the fixings otherwise it may damage the product.
- Do not use any sealing compound on this product as damage may occur to plastic components.
- Failure to follow these instructions may result in personal injury, damage to the product and property damage.

Care and Use:

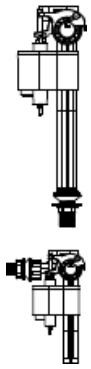
- Do not use cistern cleaners containing chlorine (calcium hypochlorite). These can seriously damage fittings in the cistern tank and potentially cause leaks.
- Clean any chrome parts using warm soapy water and a soft, damp cloth. Wipe dry with a clean cloth. Scourers, abrasives and chemical cleaners should not be used.

Important: retain this information for future reference.

CONCEALED CISTERN ASSEMBLY

240946 B_06/2021

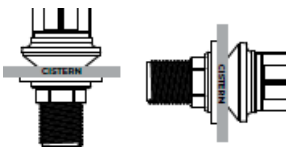
COMPONENTS

Ref.	Description	QTY	ILLUSTRATION
A	Push button	1	
B	Cistern body	1	
C	Cistern lid	1	
D	Inlet valve	1	
E	Flush valve	1	

Ref.	Description	QTY	ILLUSTRATION
F	Flush pipe	1	
G	Flush pipe washer	1	
H	Flush pipe coupling nut	1	
I	Wall mounting bracket	1	
J	Screws	2	
K	Fixing plugs	2	
L	Flush pipe connector	1	
M*	Access cover	1	

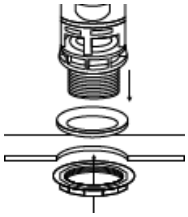
1. ASSEMBLY OF CISTERN:

a. Insert the threaded section of the inlet valve into the side or bottom inlet hole in the cistern ensuring that the conical rubber sealing washer is on the inside of the cistern body and the flat plastic washer is on the outside of the cistern body. Secure using the backnut.



The backnut should be tightened by hand and then a further half turn using a spanner or small wrench. DO NOT OVERTIGHTEN.

b. Insert the threaded section of the flush valve into the hole in the base of the cistern ensuring that the rubber washer is on the inside of the cistern and secure using the backnut. Ensure the flush valve is orientated as per the image below, depending on push button position.



LEFT

RIGHT

The backnut should be tightened by hand and then a further half turn using a spanner or small wrench. DO NOT OVERTIGHTEN.

2. FIXING THE CISTERN TO THE WALL:

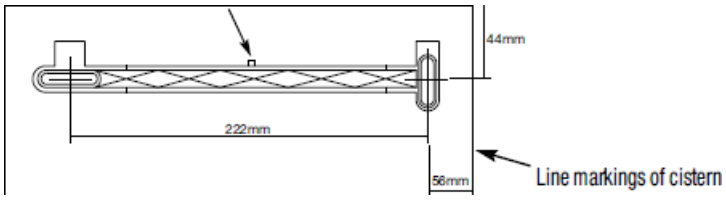
a. Establish the location of the cistern relative to the WC pan using the min/max flush pipe heights below;

• 2” flush pipe: max 190mm, min 100mm

Note: the cistern should be fitted as high as possible inside a WC unit. In deep WC units or wall cavities, it may be necessary to fit a wooden batten to the rear of the unit or solid wall to move the cistern and flush pipe forwards.

b. Mark where the cistern is to be located (top and sides), use a spirit level to ensure the cistern is level.

c. Fit the wall mounting bracket to the centre of the installation position as shown When fitting wall hung fixing bracket, ensure that the arrow below ensuring that the moulded arrow points towards the wall. indicated points towards wall/cabinet.



d. Check that the wall mounting bracket is level using a spirit level before finally tightening the screws.

e. Hang the cistern onto the wall mounting bracket.

3. FITTING THE FLUSH PIPE:
3.1 Vertical adjustment of the flush pipe (if required)

a. Place the coupling nut followed by the seal on the flush pipe. Insert flush pipe into tail of flush valve and secure

the coupling nut. The fixing nut should be tightened by hand and then a further half turn using a spanner or small wrench. DO NOT OVERTIGHTEN.

b. Offer the WC pan up to the flush pipe. Measure the vertical distance between the centre of the flush pipe 35mm MAX and the centre of the water inlet in the rear of the WC Fig. 6 pan. Make a note of this measurement. Remove the WC pan from its position in the room.

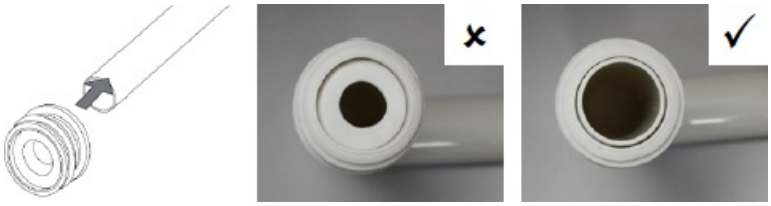
6. Undo the backnut (H) and remove the flush pipe (F) from the cistern. Trans measurement made in Step 5 onto the top of the flush pipe. Remove the marked using a hacksaw. The cut end of the flush pipe must be finished wisandpaper or a file. (See Fig. 7).

c. Undo the coupling nut and remove the flush pipe from the cistern. Transfer the measurement made in Step 3.1 b onto the top of the flush pipe. Remove the section marked using a hacksaw. The cut end of the flush pipe must be finished with sandpaper or a file.

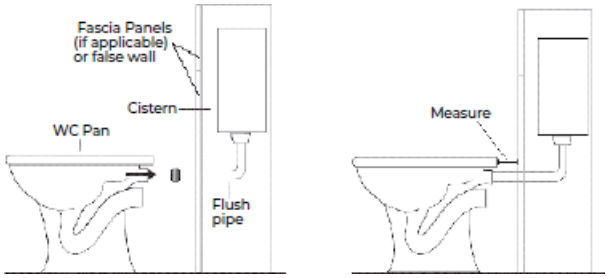
d. If no horizontal adjustment is required, repeat step 3.1.a and skip to 3.2.g Horizontal Adjustment of the Flush Pipe (if required)

3.2 Horizontal adjustment of the flush pipe (if required)

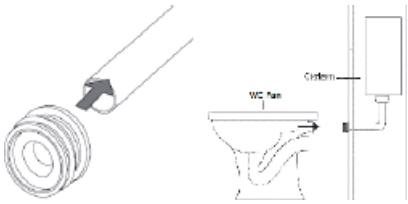
a. Push the flush pipe connector onto the end of the flush pipe.



b. Repeat step 3.1.a
c. Push the WC pan back into position so that the flush pipe enters the water inlet in the rear of the pan.
d. Measure the distance between the rear of the WC pan and the front of the WC unit or wall (including any front panel or tiles, if applicable). Make a note of this measurement.



e. Move the WC pan away, undo the coupling nut and remove the flush pipe from the cistern and remove the flush pipe sealing washer from the flush pipe. Transfer the measurement onto the end of the flush pipe. Remove the section marked using a hacksaw. The cut end of the flush pipe must be finished with sandpaper or a file.
f. Repeat step 3.1.a
g. Replace the flush pipe sealing washer(3.2.a) and fit the front panel onto the WC unit (if applicable). Push the pan back onto the flush pipe



4. COMMISSIONING OF FLUSH VALVE:

a. Set the flush valve to the required flush volume/s.

6 / 4 LITRES	
FULL FLUSH	**PART FLUSH**
	
Slide fully closed	**Slide in position 3**

b. Check the backnut/base seal are watertight and tighten further if necessary.

5. COMMISSIONING OF INLET VALVE:

a. Check the backnut/seal are watertight and tighten further if necessary.

b. A filter is fitted as standard and is suitable for water pressures from 0.2 to 10 bar. Ensure the filter is fitted in the tail of the inlet valve.

6. FINAL COMMISSIONING:

Final commissioning must be made before enclosing the cistern. Always allow for easy access for maintenance. Commissioning must include checks for water tightness and correct function of equipment. Wolseley UK Ltd will not be held responsible for any losses arising from failure to comply with this notice.

a. Water pipes must be carefully aligned before connection to ensure that undue stress is not placed on the cistern after connection.

b. Before turning on the water supply, check all components are free moving and all joints are correctly made.

c. Ensure all pipework is clear of debris.

d. Connect the water supply to the cistern inlet valve. Check thoroughly for leaks around the toilet, cistern, water inlet, flush pipe and waste connections.

e. Allow the cistern to fill and check that the inlet valve shuts off on the water line indicated inside the cistern. If adjustment is needed, move the float up (clockwise) or down (anti clockwise) by rotating the adjusting rod as required until the inlet shuts off on the water line indicated.

f. Hold the adjusting rod down to cause the cistern to internally overflow. Ensure that the overflow can discharge the incoming water. If necessary, reduce the incoming water flow by partially closing the isolation valve (not

supplied).

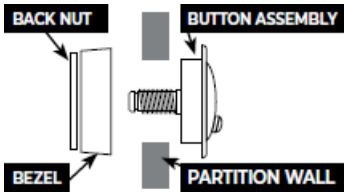
g. Fit the access panel onto the front of the WC unit.

h. Fit the cistern lid onto the cistern.

7. BUTTON INSTALLATION:

a. Using a drill and appropriate bit, drill a 40mm hole in the fascia panel of the WC unit or false wall in a suitable position for the push button. Secure the push button to the WC unit fascia panel using the shroud and backnut provided. Do not overtighten as it could cause the button to stick.

b. Attach the cable from the flush valve onto the back of the push button please ensure the route of the cable is not kinked.



Insert the button assembly through the aperture and secure in place, hand tighten using the back-nut provided.

c. Attach the fascia panel to the WC unit (if applicable).

MAINTAINANCE & TROUBLE SHOOTING:
THE INLET VALVE WILL NOT LET WATER INTO THE CISTERN:

• Check the water supply and isolation valve are turned on

• Make sure the inlet valve float has free movement and is not in the shut off position

• Check the inlet valve filter for debris and rinse with clean water. The filter can be removed from the tail of the inlet valve with pliers.

THE INLET VALVE WILL NOT SHUT OFF:

• Make sure the inlet valve float has free movement and is not jammed
• Check the inlet valve filter for debris and rinse with clean water. The filter can be removed from the tail of the inlet valve with pliers.

THE CISTERN IS FILLING TOO QUICKLY:

• Ensure the filter is fitted in the tail of the inlet valve.

• Reduce the incoming water flow by partially closing the isolation valve (not supplied).

THE FLUSHING VALVE KEEPS RUNNING/ FLUSHING:

• Ensure the route of the cable is not kinked

THE CISTERN IS SLOW TO EMPTY:

• Check the flushpipe connector has been installed correctly, see step 3.2.a

LEAKING FROM THE BACKNUT:

• Check the flush valve has been installed correctly, see step 1.b

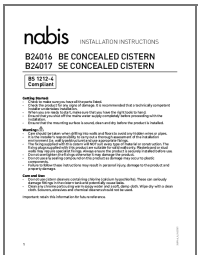
HELPLINE

Please call our customer services team on 0344 292 7062 for any help with your nabis product.

WARRANTY: 2 Years

For more detail on warranty information, please visit our website: **www.wolseley.co.uk** Wolseley UK, Warwick, CV34 6DY **www.wolseley.co.uk**

Documents / Resources

 nabis INSTALLATION INSTRUCTIONS B24016 BE CONCEALED CISTERN B24017 SE CONCEALED CISTERN BS 1212-4 Compliant	**NABIS B24016 Bottom Entry Concealed Cistern and Button** [pdf] Instruction Manual B24016 Bottom Entry Concealed Cistern and Button, B24016, Bottom Entry Concealed Cistern and Button, Entry Concealed Cistern and Button, Concealed Cistern and Button, Cistern and B utton

References

- Wolseley | Plumbing, Heating & Cooling Specialist Merchant