

BLANCO AQUA UVC-AC

Installation- & user manual

Manuel d'installation et d'utilisation • Manual de instalación y uso

blanco.com



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1. About this manual

1.1 Customer service

We hope you enjoy using our product BLANCO AQUA UVC-AC.

Our installation & user manual is designed to ensure that you do not have any problems using the product.

If you happen to have a question, simply get in touch with our BLANCO Customer Service.

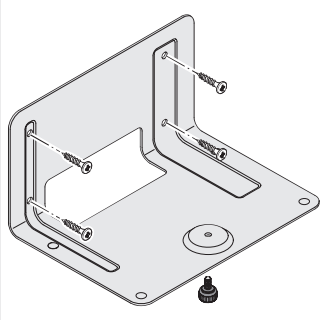
- You will find contact addresses on the back of this manual.

You can also send us a message.

- Please use the contact form on our website to write to us: blanco.com

1.2 Accessory wall mount

The device can optionally be mounted on a wall mount. This is available separately as an accessory.

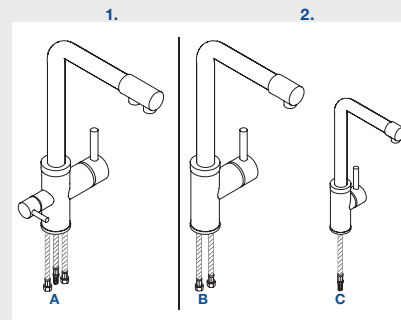


This manual describes the installation with the device placed on the floor – usually in a base cabinet. You can also mount the device on the wall using an optional wall mount. This frees up valuable space in the base cabinet. If you are interested, please contact our BLANCO customer service team.

- You will find contact addresses on the back of this manual.

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1.3 Use cases for different faucets



This manual describes how to install the product in combination with two different types of faucets:

- 1. A 3-way faucet (A)** with separate valve for filtered, disinfected water. Two supply lines are provided for unfiltered, non-disinfected water (hot and cold). A third supply line with a separate valve on the faucet is provided for the filtered, disinfected water from the device.
- 2. An auxiliary beverage faucet (C)** exclusively dispensing filtered, disinfected drinking water. Unfiltered, non-disinfected water (hot and cold) is dispensed via a second, separate standard 2-way faucet (B).

The product may also be used with other types of faucets under certain circumstances – however, this is not described in this manual.

- Please refer to the documentation for the faucet.
- Please observe any additional requirements regarding hygiene and product safety.

If you have any questions, please contact our BLANCO customer service department.

- You will find contact addresses on the back of this manual.

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2. Safety

2.1 General information

Please observe the following safety instructions!

- Please read these instructions and other accompanying instructions carefully before using the product to ensure you use it safely.
- Make sure that installation complies with the local laws and regulations.
- Ensure that you follow the work steps in the specified order.

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- Observe the safety instructions and the installation requirements.
- Pay attention to the display elements: the LED on the front of the product and the messages from the BLANCO UNIT app.
- Keep the instructions and product information for future reference or for the next owner.
- Store the packaging film and other parts of the packaging such that they are inaccessible to children.

2.2 Intended use

The product is intended for:

- Filtration through activated carbon and irradiation with UV-C LED light of cold faucet water to drinking water quality.
- Operate the product in an upright position. The product must not be laid on its side or placed at an angle.

This system is intended for interior installation and operation in a residential kitchen within a single family home. It may also be installed in small office environments; however, such applications may require additional measures or compliance with local regulations. The user is responsible for ensuring that all supplementary requirements are met.

The product is NOT intended for:

- Water that does not come from a public supply (e.g., from rainwater cisterns, reverse osmosis systems, ponds).
- Water with a conductivity below 35 µS/cm.
- For continuous operation with a steady flow of water.
- Combined operation with another water system.

Use of the product is only permitted:

- After reading and observing this installation & user manual.
- In a technically faultless and unmodified condition.
- Using new original accessories and original spare parts.
- In combination with an original BLANCO activated carbon filter.
- After correct installation and checks.
- In enclosed rooms.

Any operation beyond the intended use or any other use is

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considered misuse. BLANCO accepts no liability for any damage caused by misuse.

2.3 Restrictions on the user group

Requirements applicable to the user:

- Knowledge of this installation & user manual.
- Understanding of the dangers involved in using the product.
- Experience of using mechanical tools.

Users shall only use the product as described in the chapter “Use”.

Special requirements apply to the following users:

- Children from 8 years.
- Persons with impaired physical, sensory or mental abilities.
- Persons who lack knowledge and experience.

Special requirements:

- Users are supervised.
- Users are instructed on safe use of the device.
- Users must not play with the device.
- Users must not undertake cleaning or maintenance unsupervised.

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2.4 Safe Installation

WARNING Risk of electric shock!

Items installed incorrectly pose a hazard!

- ▶ Only connect and operate the product in accordance with the information on the specifications label on the bottom of the device.
- ▶ Only connect the product to an AC power supply via a properly installed, grounded outlet.
- ▶ The protective conductor system of the electrical installation in the house must be installed in accordance with regulations.
- ▶ Never supply the product via an external switching device, e.g. a timer or remote control.
- ▶ When the product is installed, the power plug of the power cord must be freely accessible or a disconnecting device must be installed in the fixed electrical installation in accordance with the installation regulations.
- ▶ When setting up the device, make sure that the power cord is not pinched or damaged.

WARNING Risk of suffocation!

Children can pull packaging material over their heads or wrap themselves in it and suffocate!

- ▶ Keep packaging material away from children.
- ▶ Do not allow children to play with packaging material.

Children can inhale or swallow small parts and choke as a result!

- ▶ Keep small parts away from children.
- ▶ Do not allow children to play with small parts.

NOTICE!

To prevent bacterial contamination of drinking water, it is essential to maintain strict hygiene standards during the handling and installation of components.

- ▶ Ensure that all water-conducting elements – such as seals, threads, hose connections and the cap of the filter chamber – are kept clean at all times. These components should only be

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handled after thoroughly washing and sanitizing hands and tools.

- ▶ Do not touch any surfaces that will come into direct contact with drinking water.

2.5 Safe use

WARNING Risk of electric shock!

Moisture penetrating the installation can cause an electric shock!

- ▶ Use the product indoors only.
- ▶ Never expose the product to extreme heat or moisture.
- ▶ Do not use a steam cleaner or high-pressure cleaner to clean the product.
- ▶ Never immerse the product in water or other liquids.
- ▶ Never touch the power plug with wet hands.

If the insulation on the power cable is damaged, this poses a serious hazard!

- ▶ Never allow the power cable to come into contact with sources of heat.
- ▶ Ensure that the power cable is not pinched or damaged when positioning the product.
- ▶ Make sure that the cable does not come into contact with sharp edges.
- ▶ Never carry the product by the mains cable.
- ▶ Do not pull on the mains cable but always hold the power plug by the plug enclosure.
- ▶ Make sure that the cable does not pose a risk of tripping.

WARNING Danger from UV radiation!

The product produces UV radiation inside the product, which can cause damage if it comes into direct contact with the eyes or skin.

- ▶ Never open the housing!
- ▶ Do not look into the UV LEDs!
- ▶ Only check the function of the UV LEDs indirectly using the status LEDs on the product and the BLANCO UNIT app!

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WARNING Button cell /coin battery!

INGESTION HAZARD: This product contains a button cell or coin battery.

DEATH or serious injury can occur if ingested.

A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.

Keep new and used batteries **OUT OF REACH of CHILDREN**.

Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.



This product contains a non-replacable button cell / coin battery. Components in the product (e.g. UV LEDs or batteries) may only be replaced by the manufacturer or by specially trained personnel authorized by the manufacturer. Remove or immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate. Even used batteries may cause severe injuries or death. Call a local poison control center for treatment information. **Type of battery: CR2032 (3 V).** Non-rechargeable batteries are not to be recharged. Do not force discharge, recharge, disassemble, heat above 158 °F (70 °C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

Used hoses must not be reused.

Used filters must not be regenerated or reused.

Use of the product is prohibited in the following cases:

- ▶ If the product or individual components are damaged.
- ▶ In case of unauthorized modifications or changes to the product.
- ▶ If the product is malfunctioning.

The manufacturer accepts no liability for damages in the following cases:

- ▶ With a failure to observe this installation & user manual.

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- ▶ In case of non-intended use.
- ▶ In case of incorrect handling.
- ▶ When using non-original accessories and spare parts.
- ▶ In case of changes or modifications to the product.

Made in Germany. This product is designed for use in the United States of America and Canada.

3. Avoiding property damage

Damage, incorrect installation and improper repairs can lead to leaks and significant property damage.

- ▶ Only trained specialists may install and connect the device. BLANCO assumes no liability for improper or non-professional installation.
- ▶ Lay cables and hoses so that they cannot be damaged. When using a waste disposal system, take particular care to ensure that cables and hoses are not pinched or damaged.
- ▶ Never operate a damaged product.
- ▶ Only trained specialists may carry out repairs on the device.
- ▶ Replace damaged parts professionally.
- ▶ Only use original spare parts to repair the product.
- ▶ Tighten thread connections with a maximum torque of 3 Nm.

4. Product information

4.1 Function principle

The device filters and disinfects faucet water. An activated carbon filter reduces hazardous substances. The UV-C light from the UV LEDs inactivates pathogens. The device disinfects itself regularly by briefly switching on the UV LEDs.

The device reduces water of:¹

- ▶ Bacteria, viruses and parasites
- ▶ Medications and hormones
- ▶ Pesticides and herbicides
- ▶ Heavy metals
- ▶ Chlorine, chloramines and trihalomethanes
- ▶ Volatile organic compounds
- ▶ Per- and polyfluoroalkyl compounds (e. g. PFOA and PFOS)
- ▶ Odorants and flavourings

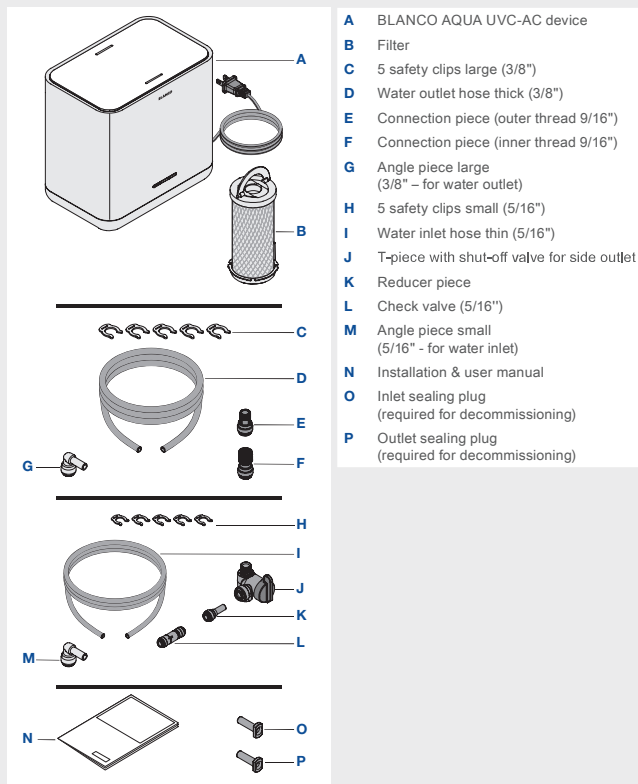
This Class B device complies with the NSF/ANSI 55 standard for the additional bactericidal treatment of disinfected public drinking water or other drinking water that has been tested and approved for human consumption by the appropriate regional or municipal health authorities.

This system has been developed only for the reduction of usually present, nonpathogenic and harmless microorganisms. Class B systems are not intended for the treatment of contaminated water. These systems must not be used with water that is microbiologically unsafe or of unknown quality without adequate disinfection having been carried out before or after the system.

¹ Tested and verified by independent laboratories—provided that these substances are present in local faucet water or due to domestic plumbing. For detailed information on local water quality, please contact your local water supplier.

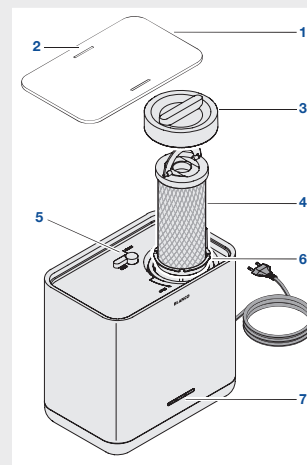
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4.2 Scope of supply

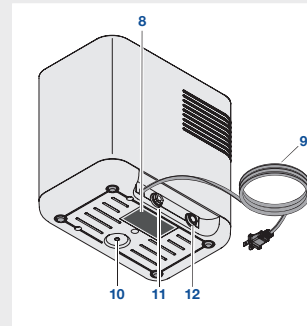


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4.3 Product overview



- 1 Device cover
- 2 Point you have to press on for lifting up the cover
- 3 Screw cap for the filter chamber
- 4 Filter
- 5 Shut-off valve to the filter
- 6 Filter chamber
- 7 LED indicator

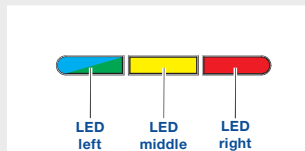


- 8 Specifications label
- 9 Power cable with power plug
- 10 Threading for optional wall mount
- 11 Water inlet
- 12 Water outlet

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4.4 LED indicator

The LED indicator signals the operating statuses of the device to the user.



left

LED lights up green:

The device is ready.

LED lights up blue:

The device is disinfecting.

LED flashes yellow:

The device is not connected to the BLANCO Cloud. There is a problem with the network or the network configuration.

middle

LED lights up yellow continuously:

The device is connected to Wi-Fi and the BLANCO cloud.

LED off:

No Wi-Fi network is configured. Please use the BLANCO UNIT App to set up a Wi-Fi connection.

right

LED lights up red:

Malfunction.

LED flashes red:

Filter replacement necessary.

4.5 Technical data

Supply voltage	110 - 120 V (AC), 60 Hz
Power	max. 52 W
Flow rate ²	0.76 gal/min (2.87 l/min)
Inlet water temperature	min. 41 °F (5 °C), max. 86 °F (30 °C)
Ambient temperature	Temp. Class N 61 - 90 °F (16 - 32 °C)
Supply pressure	min. 29 psi (2 bar / 200 kPa), max. 87 psi (6 bar / 600 kPa)
Ingress protection	IPX1 ³

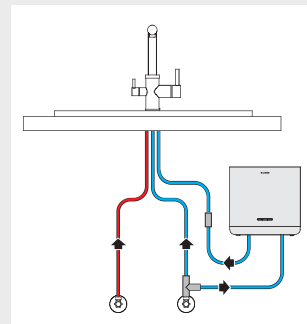
Width	9 13/16" (249 mm)
Depth	6 5/16" (161 mm)
Height	9 7/16" (240 mm)
Empty weight	8 lbs (3.6 kg)
Weight with water	10 lbs (4.5 kg)
Filter capacity	530 gal (2000 l)
Filter change	4 months
Wi-Fi	802.11 b/g/n

² Varies depending on the filter type used, the operating pressure and particle load.

³ Protected against falling water drops.

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4.6 Installation diagram for 3-way faucet

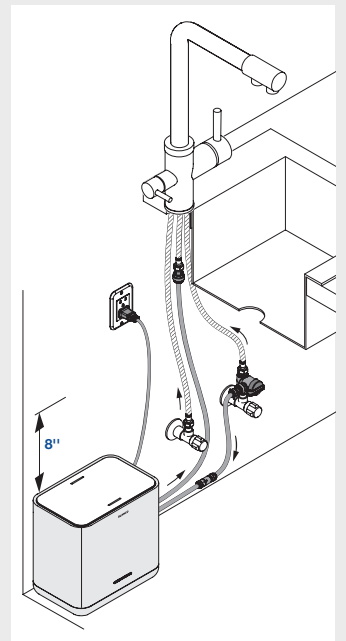


Hot water flows directly from the angle valve to the faucet.

Cold water is divided by a T-piece at the angle valve:

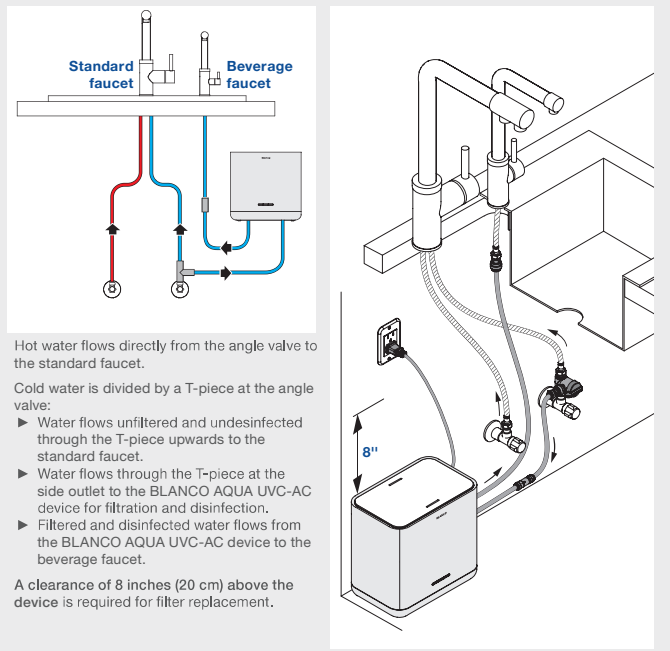
- Water flows unfiltered and undisinfecting through the T-piece upwards to the faucet.
- Water flows through the T-piece at the side outlet to the BLANCO AQUA UVC-AC device for filtration and disinfection.
- Filtered and disinfected water flows from the BLANCO AQUA UVC-AC device to the faucet.

A clearance of 8 inches (20 cm) above the device is required for filter replacement.



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4.7 Installation diagram for 2-way faucet with separate beverage faucet



4.9 BLANCO UNIT app

To connect the product to your smartphone or tablet, you need to download the BLANCO UNIT app from the App Store or Google Play.

Using the BLANCO UNIT app:

The BLANCO UNIT app provides comprehensive access to the digital functions as well as operating and service options of your connected BLANCO product, including available information on product and software versions.



The software is available from the iOS App Store and Android Store. You will find further information on using the app in the description of the BLANCO UNIT app.

It may take a few minutes for the connection to be established and the product to be recognized by the app.

5. Preparing installation

5.1 Requirements for the installation location

- The installation location must be clean, dry, and protected from frost.
- A suitable power socket must be available at the installation site. The socket must have been installed and set up by a qualified electrician. The electrical connections must comply with the local regulations. The mains voltage must match the voltage specifications on the specification label on the bottom of the device.
- Select the installation site so that 8 inches (20 cm) remains clear above the device to enable a filter change.
- When using the product with the BLANCO UNIT app: A 2.4 GHz Wi-Fi network is required to enjoy the full connectivity of the BLANCO UNIT app. Otherwise, the app can only communicate with the product via Bluetooth.
- The faucet must be installed correctly at the installation site.

5.2 Unpacking the product

NOTICE!

Risk of damage due to incorrect handling! The product and its surfaces may be damaged during unpacking or transport.

- Do not cut into the protective cardboard packaging.
- Objects that may cause scratches must be held at a distance.
- Do not drop the device!

Unpack the product and all enclosed parts with care. Remove packaging material.

Check the device and all enclosed parts for damage. Check the scope of supply for completeness. If parts are damaged or missing, simply get in touch with our BLANCO Customer Service.

- You will find contact addresses on the back of this manual.

In some cases a small amount of water may be present in the device and may leak out due to the manufacturer's quality controlling. This does not impair the quality or function of the product.

⁴ Google Play and the Google Play logo are Google LLC trademarks; Apple and the Apple logo are Apple Inc. trademarks, both registered in the United States and other countries.

5.3 Preparation

Familiarize yourself with the installation situation and the associated documents:

- Installation & user manual.
- Accessories and their instructions.

Only use new original accessories.

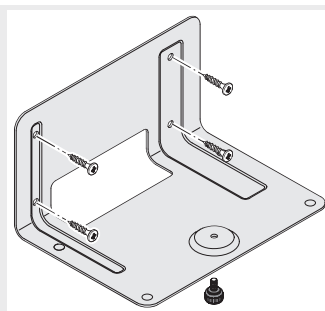
Install the BLANCO UNIT App.



Required tools and materials:

- Bucket
- Adjustable wrench
- Pliers
- Spirit Level
- Cutter blade
- Underlay for safe cutting
- Pen

5.4 Additional requirements for wall mounting



When using the optional wall mount, the mounting location must be selected so that there is approx. 4 inches (10 cm) of free space below the wall bracket to allow the device to be mounted on the wall bracket using the knurled screw.

NOTICE!

- Screws⁵ must be used to install the wall mount.
- Observe the separate installation instructions included with the wall mount!

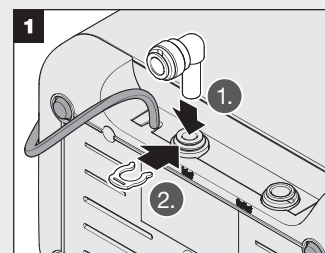
⁵ Four screws are included in the wall mount's scope of delivery.

6. Installation

6.1 Preparing the device

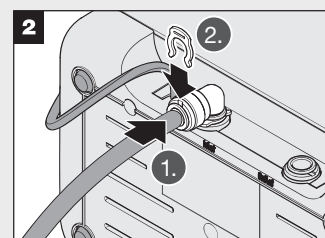
NOTICE!

Only plug the power cord into the power outlet when prompted to do so during the installation process.



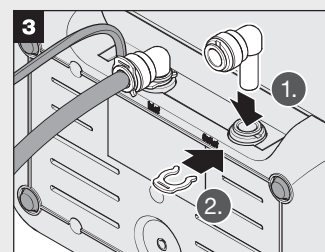
Insert the small angle piece (M) in the water inlet (left) until the endpoint is reached.

Secure the angle piece (M) with a small safety clip (H).



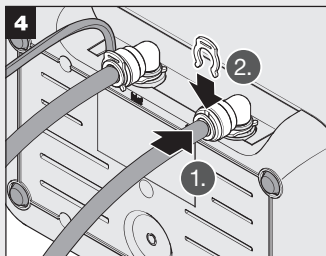
Insert the thin hose (I) in the angle piece (M) until the endpoint is reached.

Secure the hose (I) with a small safety clip (H).



Insert the large angle piece (G) in the water outlet (right) until the endpoint is reached.

Secure the angle piece (G) with a large safety clip (C).

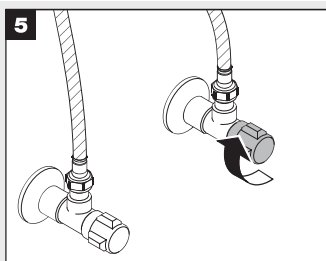


Insert the thick hose (D) in the angle piece (G) until the endpoint is reached.
Secure the hose (D) with a large safety clip (C).

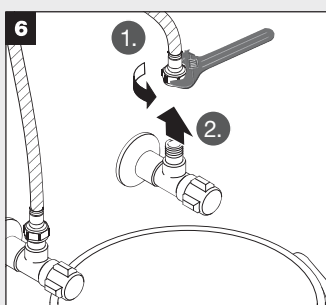


► Proceed with chapter 6.2 or 6.3 depending on your type of faucet.

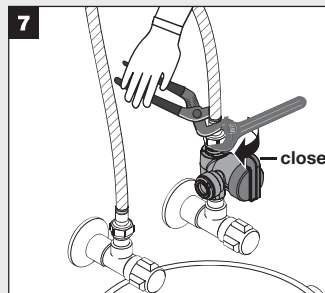
6.2 Connecting the device (3-way-faucet)



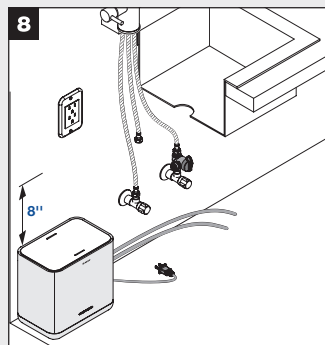
Turn the shut-off valve on the cold water pipe to close it.



Place a bucket beneath the shut-off valve on the cold water pipe.
Unscrew the cold water connection of the faucet from the shut-off valve.



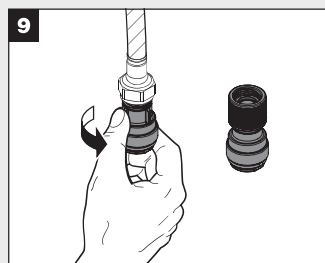
Screw the T-piece (J) onto the shut-off valve of the cold water pipe.
Screw the cold water connection of the faucet to the upper outlet of the T-piece. Use pliers to prevent the hose from twisting.
Make sure that the valve of the T-piece is closed. The lever must point upwards for this.
Remove the bucket.



When positioning the device, please note: A clearance of 8 inches (20 cm) above the device is required for filter replacement.

Place the device in the base cabinet and turn the angle pieces on the device and the hoses in the desired direction.

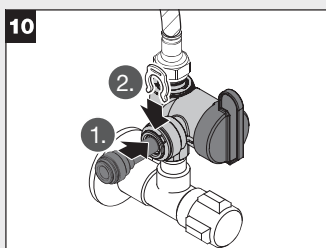
NOTICE!
Do NOT plug the connector into the socket yet!



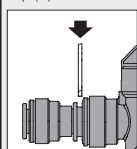
Screw the connection piece (E or F; depending on your type of threading) onto the hose for filtered, disinfected water by hand.

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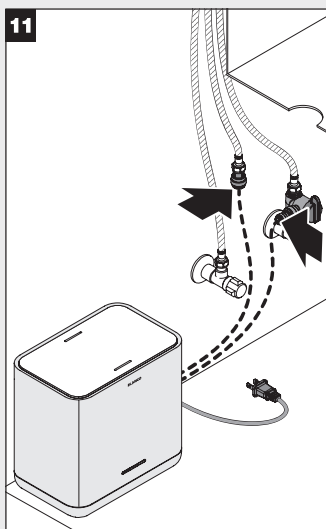
Insert the reducer piece (K) into the T-piece (J) until the endpoint is reached.
Secure the reducer piece (K) with a large safety clip (C).



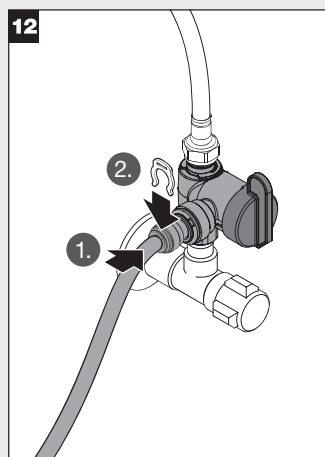
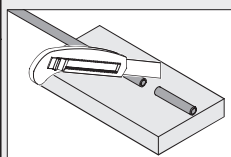
⚠ CAUTION Risk of injury!

Working with sharp cutting tools can be dangerous.

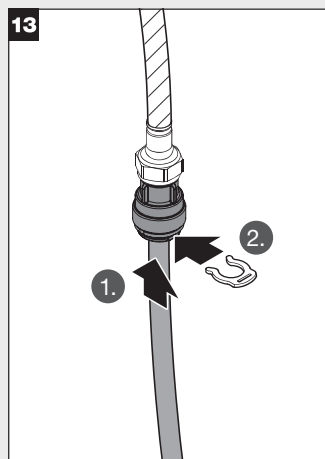
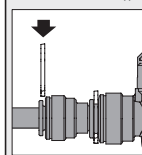
- Work with caution!
- Wear cut-resistant gloves!



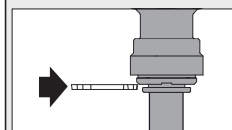
Guide the thin hose (I) to the T-piece (J). Guide the thick hose (D) to the faucet's inlet hose for filtered, disinfected water.
Mark the respective hose length required.
Shorten hoses if needed. Leave them slightly loose and free of kinks. Ensure a right-angled and burr-free cut.



At the T-piece (J): Insert the thin hose (I) in the reducer piece (K) until the endpoint is reached.
Secure the hose (I) with a small safety clip (H).



Insert the thick hose (D) in the connection piece (E or F) until the endpoint is reached.
Secure the hose (D) with a large safety clip (C).

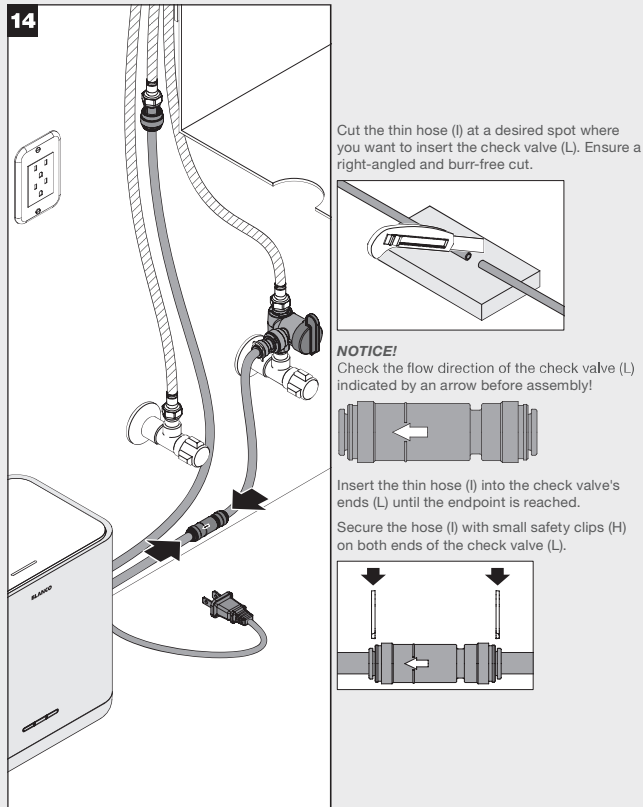


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IF CONNECTION IS MADE TO A POTABLE WATER SYSTEM, THE SYSTEM SHALL BE PROTECTED AGAINST BACKFLOW.

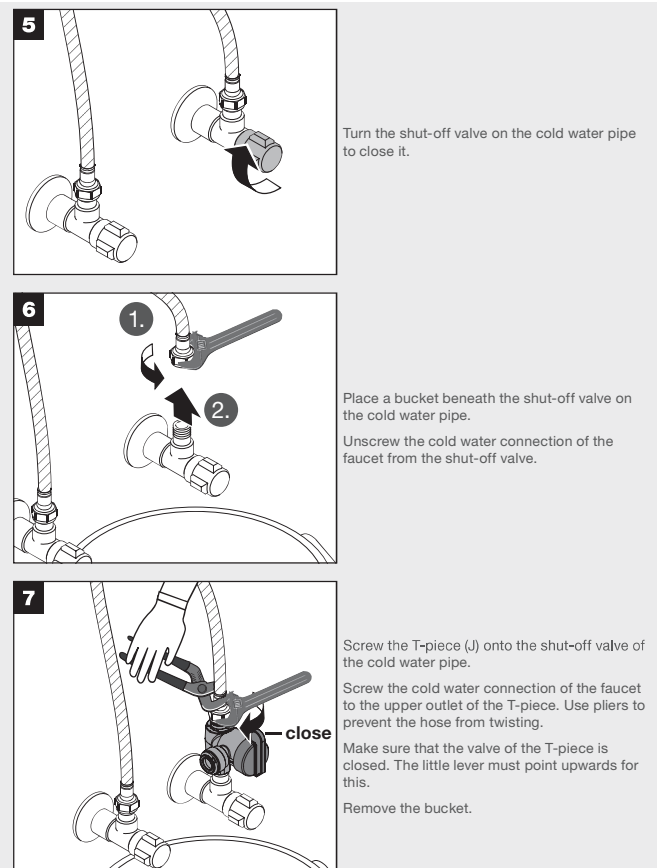
If the device is connected to the drinking water supply, there is a legal obligation to install a check valve.



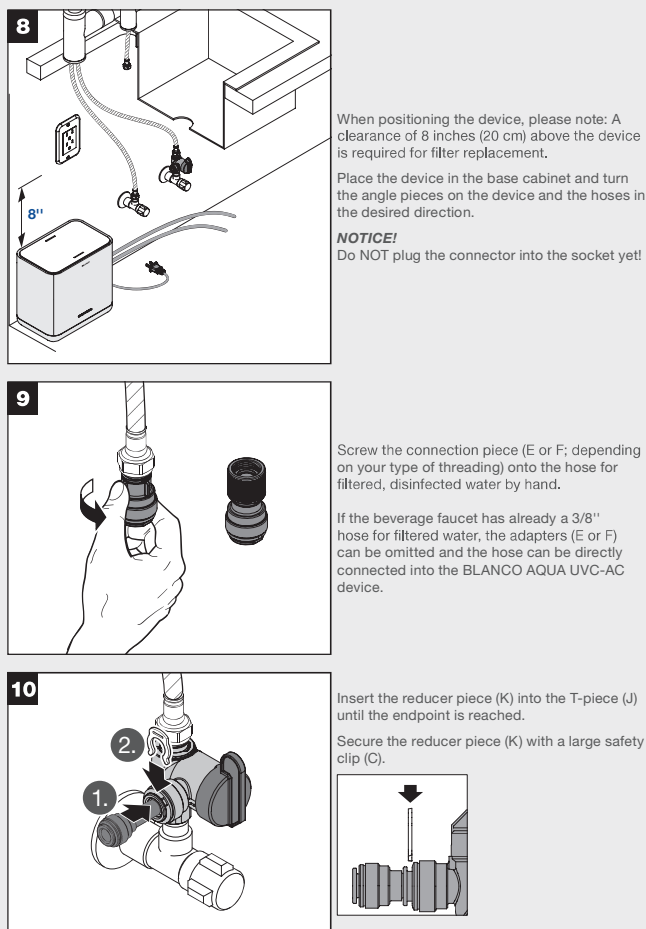
► Proceed with chapter 6.4.

25

6.3 Connecting the device (2-way-faucet with separate beverage faucet)



26



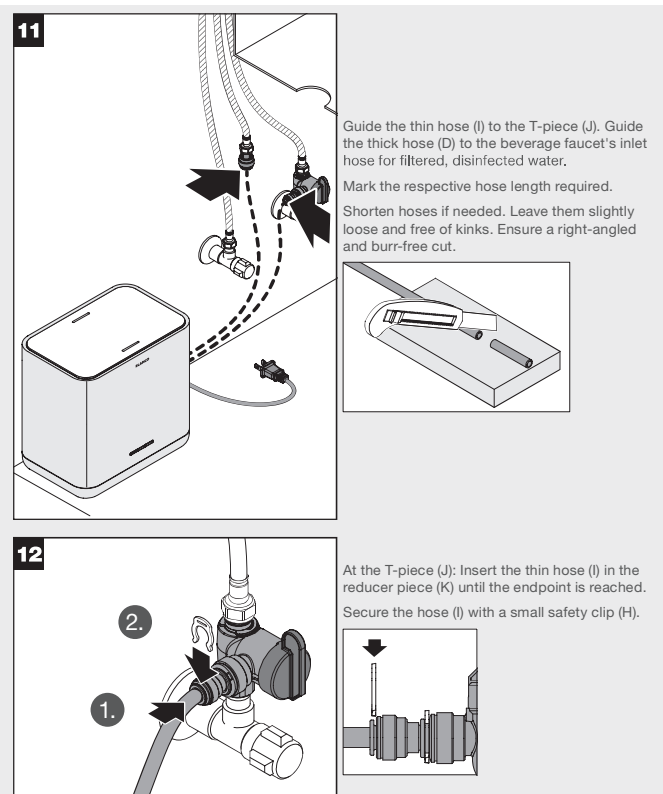
27

CAUTION Risk of injury

Working with sharp cutting tools can be dangerous.

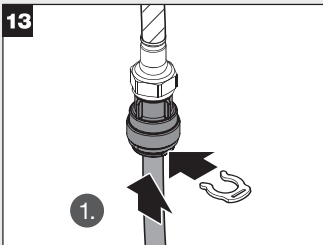
► Work with caution!

► Wear cut-resistant gloves!



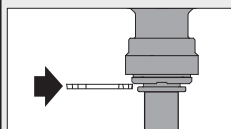
28

13



Insert the thick hose (D) in the connection piece (E or F) until the endpoint is reached.

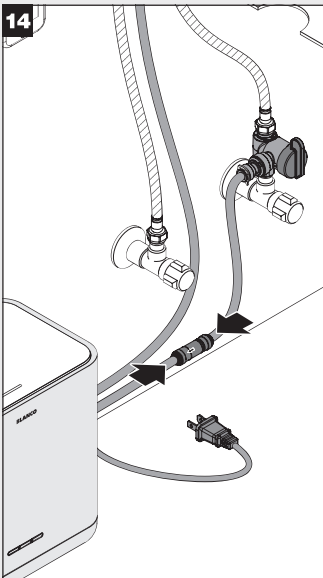
Secure the hose (D) with a large safety clip (C).



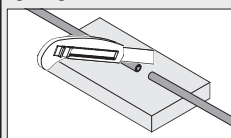
IF CONNECTION IS MADE TO A POTABLE WATER SYSTEM, THE SYSTEM SHALL BE PROTECTED AGAINST BACKFLOW.

If the device is connected to the drinking water supply, there is a legal obligation to install a check valve.

14

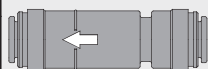


Cut the thin hose (I) at a desired spot where you want to insert the check valve (L). Ensure a right-angled and burr-free cut.



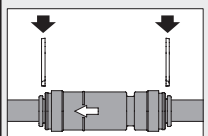
NOTICE!

Check the flow direction of the check valve (L) indicated by an arrow before assembly!



Insert the thin hose (I) into the check valve's ends (L) until the endpoint is reached.

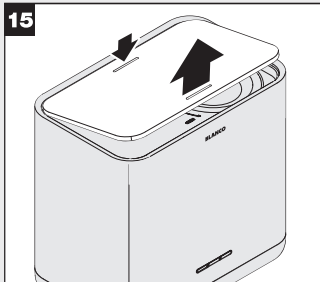
Secure the hose (I) with small safety clips (H) on both ends of the check valve (L).



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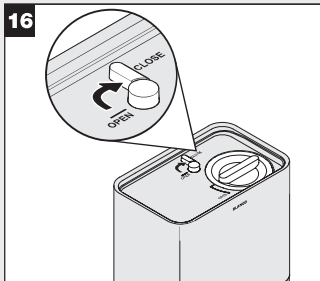
6.4 Inserting the filter

15



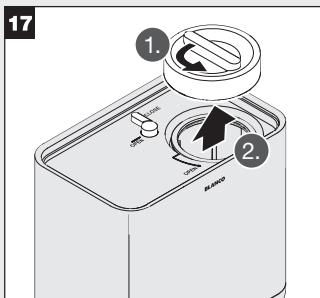
Take off the device cover. To do so, press down on the pressure point and then reach under the device cover.

16



Turn the shut-off valve on the device clockwise 90° to the right until it stops in the "CLOSE" position.

17



Turn the screw cap counter-clockwise and remove it.

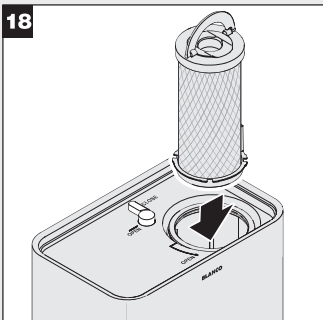
NOTICE!

To prevent bacterial contamination of drinking water, it is essential to maintain strict hygiene standards during the handling and installation of components.

- Ensure that all elements with contact to drinking water – like the screw cap – are kept clean at all times. These components should only be handled after thoroughly washing and sanitizing hands and tools.
- Do not touch any surfaces that will come into direct contact with drinking water.
- Prevent foreign matter from entering the filter chamber when the cover is open.

30

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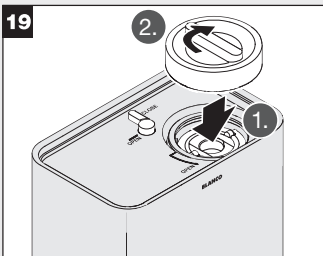


Remove the protective film and the enclosed instructions from the filter (B).

Insert the filter (B). To do this, turn the filter into the correct position.

Carefully press the filter (B) down until it latches into the device.

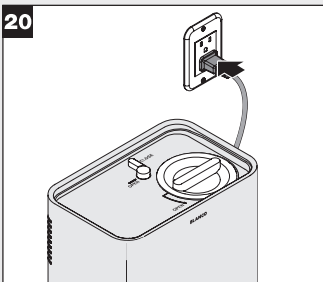
19



Insert the screw cap in place and turn clockwise until it is fully closed.

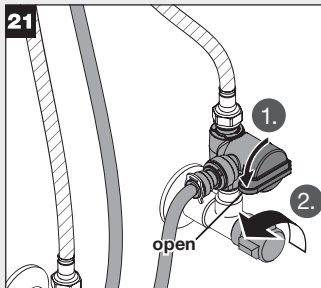
6.5 Commissioning

20



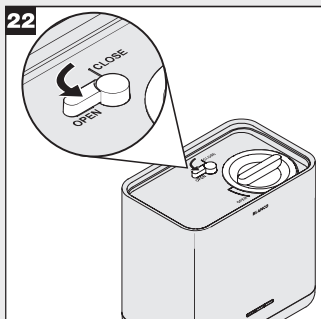
Plug the power plug into the socket.

31

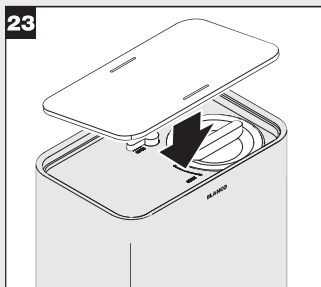


Open the shut-off valve of the T-piece (J). To do this, the lever must point in the direction of the plastic hose.

Open the shut-off valve of the cold water pipe.



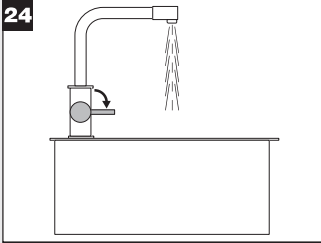
Turn the shut-off valve on the device counter-clockwise by 90° to the left until it stops in the "OPEN" position.



Fit the device cover.

32

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Open the valve on the faucet for filtered, disinfected water.
Run the water for at least 3 minutes to flush the filter.⁶

NOTICE!

After inserting a new filter, small carbon particles may rub off into the water. The particles do not have an adverse effect on personal health.

► Allow the disinfected water to flow until no further particles flow out, but for at least 3 minutes.

6.6 Checks after commissioning

- Check all connections for water leaks.
- Check the product functions.

7. Use

7.1 Drawing disinfected water

Draw filtered and disinfected water as required.

7.2 LED indicator

The LED indicator signals the operating statuses of the product to the user. The meaning of the signals is described in chapter „4.4 LED indicator“ on page 15.

⁶ Please note: To comply with NSF42 certification requirements, a flushing time of 15 minutes is mandatory.

7.3 Disinfection

The product performs self-disinfection for a period of 10 seconds every four hours.



CAUTION Impaired quality of the filtered, disinfected water!

If the product has been disconnected from the power supply for several days, the product will be unable to perform selfcleaning. The quality of the filtered, disinfected water may be impaired.

- Open the valve for filtered, disinfected water on the faucet and let it run for 3 minutes. Do not drink the flush water! Only after this flushing process the filtered, disinfected water meets the desired purity and quality standards again.

8. Cleaning

The surfaces of the device must be cleaned every 120 days.

- Clean the surfaces of the device with a lint-free cloth, slightly dampened with water.
- Rub the surfaces of the device with a dry lint-free cloth to dry it.
- Do not clean the filter chamber!

9. Inspection and maintenance

Observe the inspection and maintenance intervals. In case of abnormalities, earlier inspections and maintenance may be necessary.

9.1 Annual inspections

- Inspect the connections and connection lines for leak-tightness.
- Inspect to make sure that no water is able to reach the power cable or power source.
- Inspect the power connection cable to ensure that it is damage-free.
- Inspect the product for any abnormalities.

9.2 Changing the filter

To ensure the product performs as intended, the filter must be replaced as soon as one of the following criteria is reached:

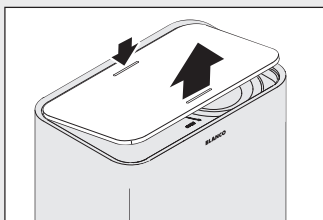
- A throughput of 530 gal (2000 liters).
- A period of 4 months in operation.

The LED will flash red if a filter change is required. If you are using the BLANCO UNIT App, the user will be additionally notified of the time for the filter change. The BLANCO UNIT app supports you in the process of changing the filter.

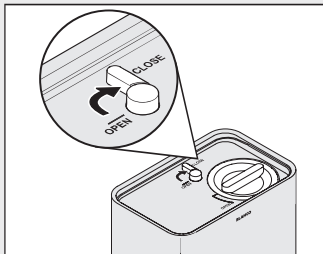
New filters can be conveniently ordered
in the BLANCO Shop:



blanco.com/shop-aqua



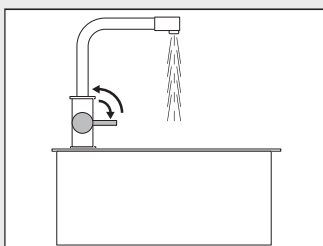
Take off the device cover. To do so, press down on the pressure point and then reach under the device cover.



Turn the shut-off valve on the device clockwise 90° to the right until it stops in the "CLOSE" position.

NOTICE!

Never open the screw cap for the filter chamber under pressure!



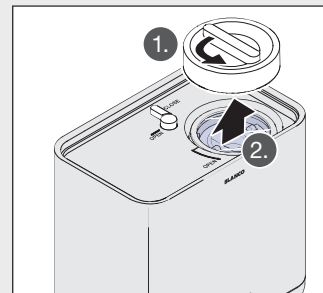
Open the valve for filtered, disinfected water on the faucet to release pressure.

Close the valve on the faucet again to prevent water from flowing back.

NOTICE!

Water can leak out when the screw cap is opened and the filter is removed. The leaking water may cause property damage.

- Clean up any leaked water immediately.

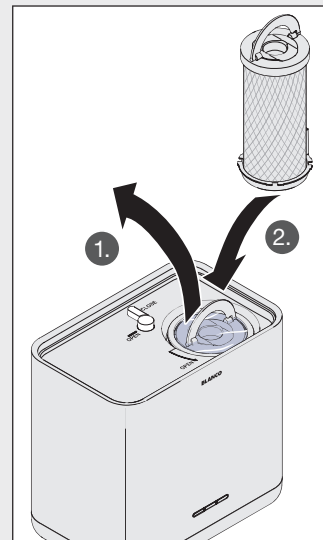


Turn the screw cap counter-clockwise and remove it.

NOTICE!

To prevent bacterial contamination of drinking water, it is essential to maintain strict hygiene standards during the handling and installation of components.

- Ensure that all water-conducting elements – like the screw cap – are kept clean at all times. These components should only be handled after thoroughly washing and sanitizing hands and tools.
- Do not touch any surfaces that will come into direct contact with drinking water.
- Prevent foreign matter from entering the filter chamber when the cover is open.

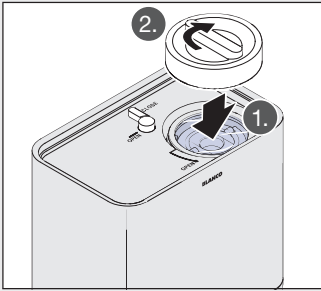


Pull the used filter out of the device by the handle and remove any leaking water.

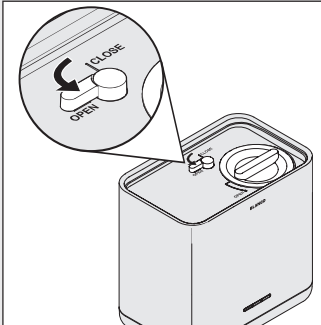
Remove the protective film and the enclosed instructions from the new filter.

Insert the new filter. To do this, turn the filter to the correct position.

When inserting the filter, carefully press it down until it latches into the device.



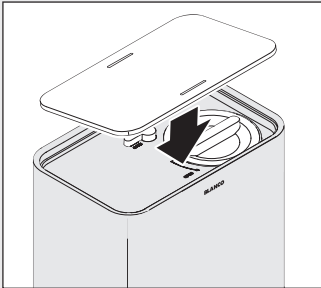
Place the screw cap on the filter chamber and tighten it all the way.



Turn the shut-off valve on the device counterclockwise by 90° to the left until it stops in the "OPEN" position.

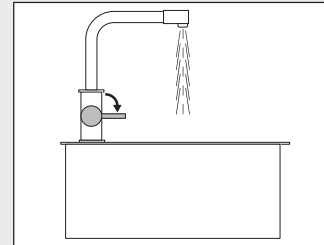
NOTICE!

No water should leak out!
► Check that the screw cap is tightly closed.



Fit the device cover.

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Open the valve on the faucet for filtered, disinfected water.
Run the water for at least 3 minutes to flush the filter.⁷

NOTICE!

After inserting a new filter, small carbon particles may rub off into the water. The particles do not have an adverse effect on personal health.

► Allow the disinfected water to flow until no further particles flow out, but for at least 3 minutes.

10. Troubleshooting

When the red LED flashes or lights up, this means one or more malfunctions are present.

To better analyze and resolve malfunctions, we recommend using the BLANCO UNIT app. The BLANCO UNIT app also allows for immediate detection of product malfunctions. Without the app, malfunctions are only indicated by the LEDs on the device and may only be detected after a delay.

Possible malfunctions are described as per the following:

Description of the malfunction.

Possible cause.

► Remedy.

The right LED flashes red.

No filter in the device.

- Fit an original filter.
- Filter capacity exhausted.
- Change the filter.

The right LED lights up red continuously.

Product has a malfunction.

- Unplug the power plug.
- Wait for 15 seconds.
- Put the product back into operation.
- Open the valve for filtered, disinfected water on the faucet and let the water run for at least 3 minutes. Do not drink the flush water!

The left LED does not light up blue, although water is flowing.

Product has a malfunction.

- Unplug the power plug.
- Wait for 15 seconds.

⁷ Please note: To comply with NSF42 certification requirements, a flushing time of 15 minutes is mandatory.

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- Put the product back into operation.
- Open the valve for filtered, disinfected water on the faucet and let the water run for at least 3 minutes. Do not drink the flush water!

The middle LED continuously flashes yellow.

The product is not connected to the BLANCO Cloud. There is a problem with the network or network configuration.

No filtered, disinfected water flows out of the drinking water faucet.

The shut-off valve on the T-piece (J) has not been opened.

- Open the shut-off valve of the T-piece (J).
- Incorrect handling.
- Check that the installation has been carried out correctly, in accordance with the installation & user manual.
- Check that the water connections and the valve for filtered, disinfected water on the faucet are open.
- Check that the power plug is plugged in.
- Check the power supply at the socket.

If the malfunction persists:

- Open the valve for filtered, disinfected water on the faucet, then turn the shut-off valve on the device first to "CLOSE" and then back to "OPEN."

The volume flow of filtered, disinfected water is very low.

The flow rate depends on the faucet used. This is not a product defect but a result of the physical/design limitations. However, it could be that the faucet is defective or the water pressure is insufficient.

- Contact your plumber / installation professional.
- Filter capacity exceeded.
- Change the filter.

Water leaking from the device.

Hose connections or angle pieces on the device are not installed correctly.

- Check the hose connections and safety clips.
- Screw cap for the filter chamber incorrectly closed.
- Check whether the screw cap for the filter chamber is fully closed.

If the malfunction persists:

- Close the shut-off valve of the cold water pipe.
- Contact your plumber / installation professional.

The screw cap for the filter chamber does not release.

The pressure in the device has not been relieved.

- Turn the shut-off valve on the device in the "CLOSE" direction.
- Open the valve for filtered, disinfected water on the faucet to release pressure.
- Close the valve on the faucet again to prevent water from flowing back.

If you are unable to remedy a malfunction:

- Use the BLANCO UNIT app to learn more details.
- Contact the BLANCO customer service.

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11. Disassembly

Disassembling of the product once it has reached the end of its service life:

- Disconnect the power plug from the socket.
- Turn the angle valve of the cold water pipe to close it.
- Turn the shut-off valve on the device in the "CLOSE" position.
- Open the valve for filtered, disinfected water on the faucet to release pressure.
- Close the valve on the faucet again.
- Unscrew the T-piece (J) from the angle valve, catching leaking water in a bucket.
- Unscrew the connector (E or F) from the faucet.
- If an optional wall mount is installed: Unscrew the knurled screw at the bottom of the wall mount. Remove the device. Disassemble the wall mount.
- Remove hoses (D and I) with angle pieces (G and M) from the device. To do this, remove the locking clip (C or H) from the connection, press in the outer ring, and then remove the angle piece.
- Insert the sealing plugs (O and P; included in the scope of delivery) into the inlet and outlet of the device to prevent water from leaking out during transport or storage of the device.

12. Conformity

The system complies with the requirements specified in the applicable directives and guidelines. You can request a declaration of conformity from BLANCO.

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12.1 Performance Data

Performance Data for the BLANCO AQUA UVC-AC System:

Model	BLANCO AQUA UVC-AC
Replacement	528 125
Rated capacity	530 gal (2,000 l)
Maximum rated operating pressure	58 psi (4 bar/0.4 MPa)
Water temperature	41 °F - 86 °F (5 °C - 30 °C)
Flow rate	0.76 gal/min (2.87 l/min)
BLANCO GmbH + Co KG, Flehinger Str. 59, D-75038 Oberderdingen, Germany	

Certified by IAPMO R&T to NSF/ANSI 42, 53, 55, 401, CSA B 483.1 for the reduction of the claims specified in the performance data sheet.



This system has been tested according to NSF/ANSI 42, 53 and 401 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified by NSF/ANSI 42, 53 and 401.

Substance	Influent Challenge Concentration	Reduction Requirements / Max. Permissible Product Water Concentration	% Reduction
NSF/ANSI 42 Aesthetic Effects			
Chlorine Taste and Odor (mg/L as chlorine)	2.0 ± 10 %	≥ 50 %	> 97
NSF/ANSI 53 Health Effects			
Atrazine (µg/L)	9.0 ± 10%	3.0	> 93
NSF/ANSI 401 Emerging compounds/Incidental Contaminants			
Bisphenol A (ng/L)	2,000 ± 20%	300	> 99
Estrone (ng/L)	140 ± 20%	20	> 96
Ibuprofen (ng/L)	400 ± 20%	60	> 94
Naproxen (ng/L)	140 ± 20%	20	> 96
Nonylphenol (ng/L)	1,400 ± 20%	200	> 96
Phenytoin (ng/L)	200 ± 20%	30	> 95

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12.2 CFR Radiological Health

BLANCO

Declaration of Conformity

Apparatus / Product
Name: BLANCO AQUA UVC-AC BNA System
Item number: 443591

Manufacturer
BLANCO GmbH + Co KG
Flehinger Straße 59
75038 Oberderdingen
GERMANY
Tel: +49 7045 44-81100
Fax: +49 7045 44-81299
E-Mail: info@blanco.de

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration described above complies with the applicable provisions of the **Code of Federal Regulations (CFR) requirements per Title 21, Chapter 1, Subchapter J "Radiological Health"**.

If a product is modified without the coordination of the manufacturer, this declaration shall become invalid.

This declaration is required for the US market only.

Oberderdingen, 05.02.2026	ppa.	i.v.
Place, Date	Ragnar Jehle Vice President / Head of Global Products	Hermann Wörtelen Vice President / Head of Global Quality Management

12.3 FCC/ISED

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTICE:

This equipment has been tested and found to comply with the limits for a Class B digital device,

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pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 8 inches (20 cm) between the radiator & your body.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- This device must not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 8 inches (20 cm) between the radiator and your body.

13. Disposal

13.1 Disposing of the packaging

The packaging materials are environmentally friendly and recyclable
► Dispose of the individual components separately according to type.

13.2 Disposing of used filters

The used adsorption material must not be regenerated or reused.
► Dispose of used filters with residual waste.

13.3 Disposing of the product

You are legally obliged to avoid generating waste and protect your health and the environment:

- Follow your local state/municipal regulation for disposal or recycling. DO NOT dispose of the product in general household waste.



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14. Customer service

14.1 Spare parts

Spare parts can be found in the BLANCO Shop at blanco.com by entering the serial number. This can be found on the specifications label on the bottom of the device.

If, contrary to expectations, you do have a question, simply contact our BLANCO customer service team.

- You will find contact addresses on the back of this manual.

14.2 Quebec Right to Repair communication

Availability of Replacement parts, repair services and information necessary to maintain or repair the goods



Replacement parts

Partially available: Available for 4 years from the date of purchase of the BLANCO AQUA UVC-AC unit from authorized retailers (filters, installation fittings, hoses, lids, caps)

Not available: Internal components



Repair services

Not available



Information necessary to maintain or repair the goods

Partially available: Contact BLANCO (installation & user manual)

Not available: Repair information

BLANCO Canada partially guarantees the availability of external replacement parts for a period of 4 years from the date of purchase, and information necessary to install and use the BLANCO AQUA UVC-AC under the meaning of the Consumer Protection Act (Québec), as amended by Bill 29.

BLANCO Canada in no way guarantees the availability of internal replacement parts, repair services or information necessary to repair the BLANCO AQUA UVC-AC under the meaning of the Consumer Protection Act (Québec), as amended by Bill 29.

15. Warranty

LIMITED 2 YEAR WARRANTY on BLANCO AQUA UVC-AC

BLANCO CANADA INC. and BLANCO AMERICA INC. are, subject to the terms below, pleased to offer on all BLANCO AQUA UVC-AC products, excluding the filter, a:

- 2-Year LIMITED WARRANTY for products used in interior single-family domestic installations
- 1-Year LIMITED WARRANTY for small office installations

Limited BLANCO AQUA UVC-AC Warranty

BLANCO warrants to the original purchaser that any BLANCO AQUA UVC-AC product supplied by BLANCO and proven to be defective during the applicable warranty period will be repaired or replaced at no charge (excluding transportation costs and any labor costs for removal or

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reinstallation).

This warranty applies only to products sold through BLANCO's authorized sales channels, installed in Canada or the U.S.A., and used exclusively in a residential application. This warranty supersedes all other warranties; expressed or implied. The foregoing warranties are exclusive and made solely for the buyer.

BLANCO shall not be liable in cases of: (A) improper installation or modification; damages resulting from abuse, such as heavy impact or dropped objects; improper care or maintenance; improper applications (such as exposure to corrosive chemicals, photographic solutions, etc.); or any modifications made to the product after it left BLANCO premises. (B) wear and tear, including chips, scratches, and stains that may occur under normal use; or (C) loss or damage to any person or property whatsoever resulting from a defective product.

TO THE EXTENT NOT PROHIBITED BY LAW, NO OTHER WARRANTY, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE DEEMED TO EXIST IN CONNECTION WITH ANY OF THE GOODS OR SERVICES SUPPLIED HEREUNDER, AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES FOR A PERIOD GREATER THAN THE WARRANTY PERIOD CONTAINED IN BLANCO'S LIMITED WARRANTY, ARE HEREBY EXCLUDED. BLANCO SHALL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO THE GOODS OR SERVICES SUPPLIED HEREUNDER. THE REMEDIES DESCRIBED IN THIS WARRANTY ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS WARRANTY.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION. SOME PROVINCES, STATES OR OTHER JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF IMPLIED WARRANTIES OR OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS RELATING TO IMPLIED WARRANTIES, OR INCIDENTAL OR CONSEQUENTIAL DAMAGES MAY NOT APPLY TO YOU.

Blanco Canada Inc. will be responsible for this warranty for products sold and installed in Canada, and Blanco America, Inc. will be responsible for this warranty for products sold and installed in the U.S.A. This is BLANCO's exclusive written warranty and the warranty is not transferable without the prior written consent of Blanco, in its sole and absolute discretion.

For technical assistance or to request warranty service, please contact our Technical Service team using the information provided on the final page of this manual, or visit the Support section at www.blanco.com. In the event of a warranty claim, the owner will be required to provide proof of purchase.

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1. À propos de ce mode d'emploi

1.1 Service clientèle

Nous espérons que votre BLANCO AQUA UVC-AC vous donnera entière satisfaction.

Nos instructions de montage et d'utilisation sont conçues de manière à ce que l'utilisation de notre produit ne vous pose aucun problème.

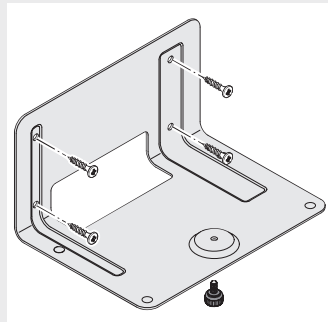
Si vous avez la moindre question, merci de prendre contact avec le service après-vente BLANCO.
► Vous trouverez les adresses de contact au dos de ce manuel.

Vous pouvez également nous écrire.

► Pour ce faire, utilisez le formulaire de contact que vous trouverez sur notre site web : blanco.com

1.2 Accessoire : support mural

L'appareil peut être monté sur un support mural en option. Celui-ci est disponible séparément en tant qu'accessoire.

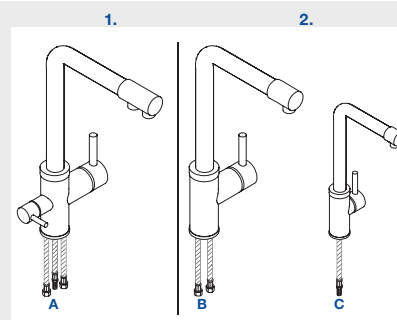


Ces instructions décrivent l'installation de l'appareil placé sur le sol – en général dans une armoire basse. Vous pouvez également fixer l'appareil au mur à l'aide d'un support mural disponible en option. Vous gagnez ainsi un espace précieux dans l'armoire basse. Si cet accessoire vous intéresse, adressez-vous à notre service clientèle BLANCO.

► Vous trouverez les adresses de contact au dos de ce manuel.

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1.3 Cas d'utilisation pour robinets différents



Ce manuel décrit comment installer le produit en combinaison avec deux types de robinets différents :

- 1. Un robinet à 3 voies (A)** avec une vanne d'arrêt séparée pour l'eau filtrée et désinfectée. Deux conduites d'alimentation sont prévues pour l'eau non filtrée et non désinfectée (chaude et froide). Une troisième conduite d'alimentation avec une vanne d'arrêt séparée sur le robinet est prévue pour l'eau filtrée et désinfectée provenant de l'appareil.
- 2. Un robinet auxiliaire pour boissons (C)** distribuant exclusivement de l'eau potable filtrée et désinfectée. L'eau non filtrée et non désinfectée (chaude et froide) est distribuée via une deuxième robinet séparé standard à 2 voies (B).

L'appareil peut éventuellement être utilisé avec d'autres types de robinets, mais cela n'est pas décrit dans ce manuel.

- Respectez la documentation du robinet.
- Respectez le cas échéant les exigences supplémentaires en matière d'hygiène et de sécurité des produits.

En cas de questions, contactez notre service après-vente BLANCO.

► Vous trouverez les adresses de contact au dos de ce manuel.

2. Sécurité

2.1 Indications générales

Respectez les consignes de sécurité qui suivent !

- Pour une installation et une utilisation sûres du produit, lisez attentivement ces instructions ainsi que les autres informations sur le produit avant l'installation et l'utilisation du produit.
- Assurez-vous que le montage est conforme aux lois et

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réglementations locales.

- Respectez l'ordre des étapes de travail.
- Respectez les consignes de sécurité et les instructions d'installation et d'utilisation.
- Prêtez attention aux éléments d'affichage : les LED sur la face avant du produit et les messages de l'application BLANCO UNIT.
- Conservez les instructions ainsi que les informations sur le produit pour une utilisation ultérieure ou un nouveau propriétaire.
- Conservez les films et autres éléments d'emballage hors de portée des enfants.

2.2 Utilisation conforme

L'appareil est destiné à :

- la filtration par charbon actif et l'irradiation par lumière LED UV-C d'eau froide du robinet de qualité d'eau potable.
- l'exploitation en position verticale. L'appareil ne doit pas être placé en position horizontale ou inclinée.

Le système a été conçu pour l'usage domestique, en général dans les cuisines. Toutefois, il peut aussi être utilisé dans les lieux publics, par exemple dans les bureaux ou cabinets. Des exigences supplémentaires peuvent alors s'appliquer, et l'exploitant en est responsable.

L'appareil n'est PAS destiné à :

- de l'eau non issue d'un approvisionnement public (par exemple citernes d'eau de pluie, installations d'osmose inverse, étangs).
- de l'eau dont la conductivité est inférieure à 35 µS/cm.
- un fonctionnement continu avec un débit d'eau constant.
- un fonctionnement combiné avec un autre système d'eau.

L'utilisation de l'appareil est uniquement autorisée :

- après avoir lu et respecté les présentes instructions de montage et d'utilisation.
- en parfait état technique et sans modification.
- avec des accessoires neufs d'origine et des pièces de rechange d'origine.
- avec le filtre à charbon actif BLANCO correspondant.

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- après un montage correct et un contrôle.
- dans des locaux fermés.

Toute utilisation différente ou allant au-delà de l'utilisation conforme est considérée comme une utilisation incorrecte. BLANCO rejette toute responsabilité pour les dommages survenus suite à une utilisation incorrecte.

2.3 Limitation du cercle des utilisateurs

Exigences portant sur les utilisateurs :

- Connaissance des présentes instructions de montage et d'utilisation.
- Compréhension des risques liés à l'utilisation de l'appareil.
- Expérience dans l'utilisation d'outils mécaniques.

Les utilisateurs ne doivent utiliser l'appareil que de la manière décrite au chapitre "Utilisation".

Des exigences particulières s'appliquent aux utilisateurs suivants :

- Enfants à partir de 8 ans.
- Personnes aux capacités physiques, sensorielles ou mentales réduites.
- Personnes manquant d'expérience et de connaissances.

Exigences particulières :

- Ces utilisateurs doivent être supervisés.
- Ces utilisateurs ont été formés à une utilisation sûre.
- Ces utilisateurs ne doivent pas jouer avec l'appareil.
- Ces utilisateurs ne doivent pas effectuer de nettoyage ou de maintenance.

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2.4 Installation sûre

AVERTISSEMENT Risque de choc électrique !

Les installations non conformes sont dangereuses.

- ▶ Ne raccorder et n'utiliser l'appareil que conformément aux indications figurant sur la plaque signalétique.
- ▶ Ne raccorder l'appareil qu'à un réseau électrique à courant alternatif à l'aide d'une prise de courant avec mise à la terre, installée conformément aux prescriptions.
- ▶ Le système de conducteurs de protection de l'installation électrique domestique doit être installé conformément aux prescriptions.
- ▶ Ne jamais alimenter l'appareil via un dispositif de commutation externe, par exemple une minuterie ou une télécommande.
- ▶ Si l'appareil est encastré, la fiche secteur du câble de raccordement secteur doit être librement accessible, ou un dispositif de séparation doit être intégré à l'installation électrique fixe conformément aux dispositions d'installation.
- ▶ Lors de la mise en place de l'appareil, veiller à ne pas coincer ou endommager le câble d'alimentation.

AVERTISSEMENT Risque d'étouffement !

Les enfants peuvent mettre des matériaux d'emballage sur leur tête ou s'envelopper dedans et s'étouffer.

- ▶ Tenir les matériaux d'emballage éloignés des enfants.
- ▶ Ne pas laisser les enfants jouer avec les matériaux d'emballage.

Les enfants peuvent inhaler ou avaler de petites pièces et s'étouffer.

- ▶ Tenir les petites pièces éloignées des enfants.
- ▶ Ne pas laisser les enfants jouer avec les petites pièces.

REMARQUE !

Assurer la propreté ! Pour éviter toute contamination bactérienne de l'eau potable, il est indispensable de respecter des normes d'hygiène strictes lors de la manipulation et de l'installation des composants.

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- ▶ Veillez à ce que les pièces en contact avec l'eau, comme les joints, filetages, raccords de tuyaux et le couvercle de la chambre de filtration, ne soient pas encrassés.
- ▶ La manipulation du filtre et de toutes les surfaces en contact avec l'eau potable doit se faire exclusivement avec des mains et des outils soigneusement lavés et désinfectés.

2.5 Utilisation sûre

AVERTISSEMENT Risque de choc électrique !

L'infiltration d'humidité peut provoquer un choc électrique.

- ▶ Exploitez l'appareil uniquement dans des locaux fermés.
- ▶ N'exposez jamais l'appareil à une forte chaleur ou à l'humidité.
- ▶ N'utilisez pas de nettoyeur à vapeur ou de nettoyeur à haute pression pour nettoyer l'appareil.
- ▶ Ne plongez jamais l'appareil dans l'eau ou dans d'autres liquides.
- ▶ Ne touchez jamais la fiche secteur avec les mains mouillées.

Une isolation endommagée du câble de raccordement secteur est dangereuse !

- ▶ Ne mettez jamais le câble de raccordement secteur en contact avec des sources de chaleur.
- ▶ Assurez-vous que le câble n'est pas plié ou coincé.
- ▶ Assurez-vous que le câble n'entre pas en contact avec des arêtes vives.
- ▶ Ne transportez pas l'appareil en le tenant par le cordon d'alimentation.
- ▶ Ne tirez pas sur le cordon d'alimentation, mais saisissez toujours la fiche secteur directement par la poignée.
- ▶ Veillez à ce que le câble ne constitue pas un risque de trébuchement.

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AVERTISSEMENT Risques liés aux rayons UV !

Les rayons UV produits à l'intérieur de l'appareil peuvent causer des dommages en cas de contact direct avec les yeux ou la peau.

- ▶ Ne jamais ouvrir le boîtier.
- ▶ Ne pas regarder dans les LED UV.
- ▶ Contrôler le fonctionnement des LED UV uniquement de manière indirecte à l'aide des LED d'état sur l'appareil et de l'application BLANCO UNIT.

AVERTISSEMENT Pile bouton / pile de monnaie !

RISQUE D'INGESTION : Ce produit contient une pile bouton.

L'ingestion peut entraîner **LA MORT** ou des blessures graves.

L'ingestion d'une pile bouton ou d'une pile de monnaie peut causer des **brûlures chimiques internes** en seulement **2 heures**.

Gardez les piles neuves et usagées **HORS DE LA PORTÉE des ENFANTS**.

Consultez immédiatement un médecin si vous soupçonnez qu'une pile a été avalée ou insérée dans n'importe quelle partie du corps.



Ce produit contient une pile bouton / pile de monnaie non remplaçable. Le remplacement de composants dans l'appareil (par ex. LED UV ou batterie) ne peut être effectué que par le fabricant ou par des spécialistes autorisés et spécialement formés par le fabricant. Retirez, recyclez ou débarrassez-vous immédiatement des piles usagées conformément à la réglementation locale et gardez-les hors de la portée des enfants. Ne jetez pas les piles avec les ordures ménagères et ne les incinerez pas. Même usagées, les piles peuvent causer des blessures graves, voire mortelles. Contactez un centre antipoison pour obtenir des renseignements sur les traitements. **Type de pile : CR2032 (3 V)**. Les piles non

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rechargeables ne doivent pas être rechargées. Ne forcez pas la décharge, ne rechargez pas, ne démontez pas, ne chauffez pas à plus de 158 °F (70 °C) et n'incinerez pas. Cela pourrait entraîner des blessures dues à un dégagement de chaleur, une fuite ou une explosion, causant des brûlures chimiques.

Ne pas réutiliser les tuyaux usagés.

Ne pas régénérer ou réutiliser des filtres déjà utilisés.

L'utilisation de l'appareil est interdite dans les cas suivants :

- ▶ Endommagement de l'appareil ou de certains de ses composants.
- ▶ Transformation ou modification de l'appareil par le client.
- ▶ Dysfonctionnement de l'appareil.

Dans les cas suivants, le fabricant n'assume aucune responsabilité pour les dommages :

- ▶ Non-respect des présentes instructions de montage et d'utilisation.
- ▶ Utilisation non conforme.
- ▶ Manipulation non conforme.
- ▶ Utilisation d'accessoires et de pièces de rechange non originaux.
- ▶ Changement ou modification de l'appareil.

Fabriquée en Allemagne. Ce produit est conçu pour être utilisé aux États-Unis d'Amérique et au Canada.

3. Prévention des dommages matériels

Les dommages, le montage incorrect et les réparations non conformes peuvent entraîner des fuites et des dommages matériels importants.

- ▶ Seul un personnel spécialisé et formé peut monter et raccorder l'appareil. BLANCO rejette toute responsabilité en cas de montage incorrect ou non professionnel.
- ▶ Les câbles et tuyaux doivent être disposés de manière à prévenir tout endommagement. En particulier en cas d'utilisation d'un système de tri des déchets, assurez-vous expressément que les câbles et tuyaux ne puissent pas être coincés ni endommagés.
- ▶ Ne mettez jamais en service un produit endommagé.
- ▶ Seul un personnel spécialisé et formé est habilité à effectuer des réparations sur l'appareil.
- ▶ Remplacez les pièces endommagées de manière professionnelle.
- ▶ N'utilisez que des pièces de rechange d'origine pour réparer le produit.
- ▶ Serrez les raccords filetés avec un couple maximal de 3 Nm.

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4. Informations sur le produit

4.1 Principe de fonctionnement

L'appareil filtre et désinfecte l'eau du robinet. Un filtre à charbon actif réduit les substances nocives. Les agents pathogènes sont inactivés par la lumière UVC des LED UV. L'appareil s'auto-désinfecte régulièrement en allumant brièvement les LED UV.

L'appareil réduit dans l'eau :

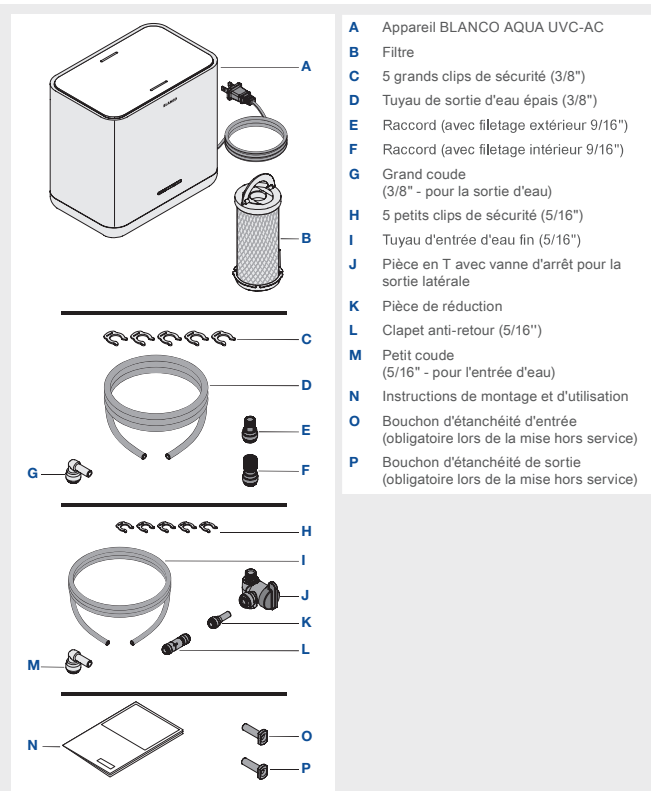
- Bactéries, virus et parasites
- Médicaments et hormones
- Pesticides et herbicides
- Métaux lourds
- Chlore, chloramines et trihalogénométhanes
- Composés organiques volatils
- Composés alkylés perfluorés et polyfluorés (par exemple PFOA et PFOS)
- Substances odorantes et aromatisantes

Cet appareil de classe B est conforme à la norme NSF/ANSI 55 pour le traitement bactéricide supplémentaire de l'eau potable publique désinfectée ou d'autres eaux potables qui ont été testées et approuvées pour la consommation humaine par les autorités sanitaires régionales ou municipales compétentes.

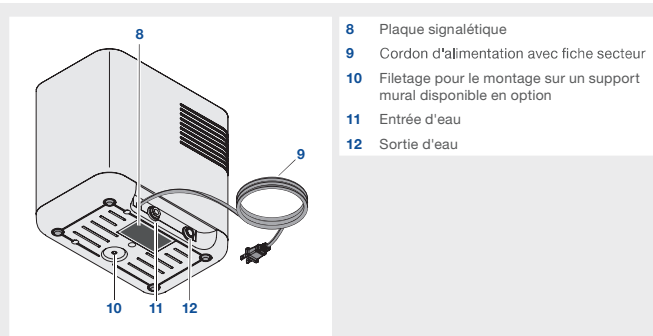
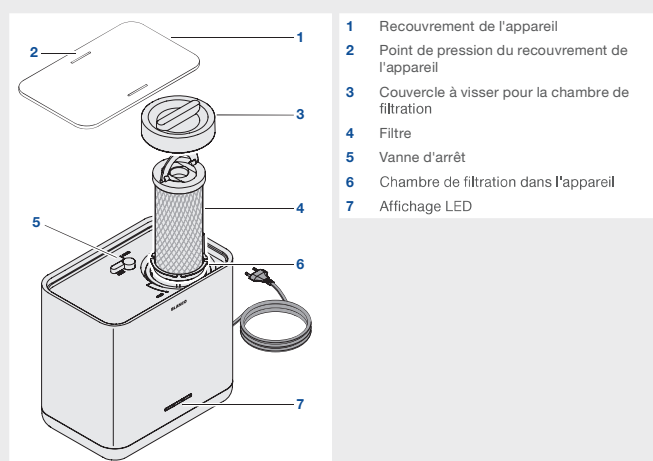
Ce système a été conçu uniquement pour réduire les micro-organismes habituellement présents, non pathogènes et inoffensifs. Les systèmes de classe B ne sont pas conçus pour traiter l'eau contaminée. Ces systèmes ne doivent pas être utilisés avec de l'eau qui est microbiologiquement dangereuse ou de qualité inconnue sans qu'une désinfection adéquate ait été effectuée avant ou après le système.

¹ Testé et vérifié par des laboratoires indépendants - si ces substances sont présentes dans l'eau du robinet en raison du réseau de distribution ou de l'installation domestique. Pour des informations détaillées sur la qualité de l'eau locale, veuillez contacter votre fournisseur d'eau local.

4.2 Étendue de la livraison



4.3 Vue d'ensemble du produit



4.4 Affichage LED

L'affichage LED signale à l'utilisateur les états de fonctionnement de l'appareil.

À gauche	La LED s'allume en vert : L'appareil est prêt.
	La LED s'allume en bleu : L'appareil désinfecte.
Au milieu	La LED clignote en jaune : L'appareil n'est pas connecté au cloud BLANCO. Il y a un problème avec le réseau ou la configuration du réseau.
	La LED s'allume en jaune en continu : L'appareil est connecté au Wi-Fi et au cloud BLANCO.
À droite	LED éteinte : Aucun réseau Wi-Fi n'est configuré. Veuillez utiliser l'application BLANCO UNIT pour établir une connexion Wi-Fi.
	La LED s'allume en rouge : Défaut.
	La LED clignote en rouge : Changement de filtre requis.

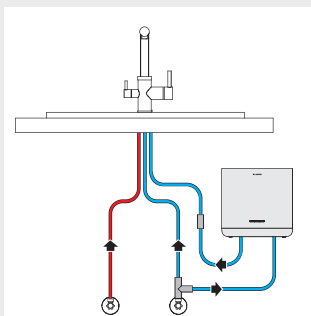
4.5 Caractéristiques techniques

Tension de raccordement	110 - 120 V (AC), 60 Hz	Largeur	9 13/16" (249 mm)
Puissance	max. 52 W	Profondeur	6 5/16" (161 mm)
Débit d'eau²	0.76 gal/min (2.87 l/min)	Hauteur	9 7/16" (240 mm)
Température de l'eau	min. 41 °F (5 °C), max. 86 °F (30 °C)	Poids à vide	8 lbs (3.6 kg)
Température ambiante	Class. temp. N 61 - 90 °F (16 - 32 °C)	Poids avec eau	10 livres (4.5 kg)
Pression d'alimentation	min. 29 psi (2 bar / 200 kPa), max. 87 psi (6 bar / 600 kPa)	Capacité de filtration	530 gal (2000 l)
Degré de protection	IPX1 ³	Remplacement du filtre	4 mois
		Wi-Fi	802.11 b/g/n

² Varie en fonction de la pression de service, de la charge du filtre / charge en particules et du robinet raccordée.

³ Résistance aux gouttes d'eau tombant verticalement.

4.6 Schéma d'installation pour robinets à 3 voies

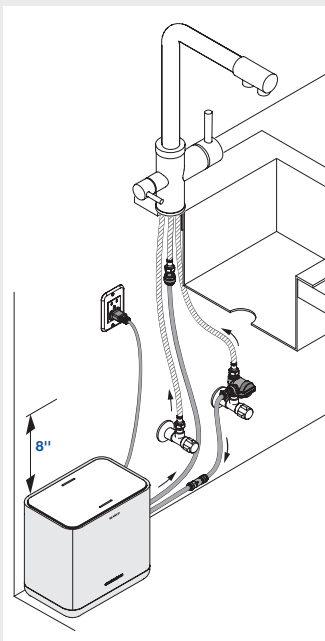


L'eau chaude s'écoule directement de la vanne d'angle vers le robinet.

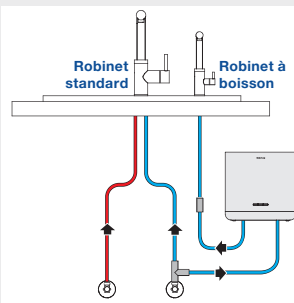
L'eau froide est répartie par une pièce en T sur la vanne d'angle :

- L'eau s'écoule non filtrée et non désinfectée à travers la pièce en T vers le haut en direction du robinet.
- L'eau s'écoule par la pièce en T sur la sortie latérale pour la filtration et la désinfection vers l'appareil BLANCO AQUA UVC-AC.
- L'eau filtrée et désinfectée s'écoule de l'appareil BLANCO AQUA UVC-AC vers le robinet.

Pour le remplacement du filtre, un espace libre de 8 pouces (20 cm) au-dessus de l'appareil est nécessaire.



4.7 Schéma d'installation pour robinets à 2 voies avec robinet à boisson séparé

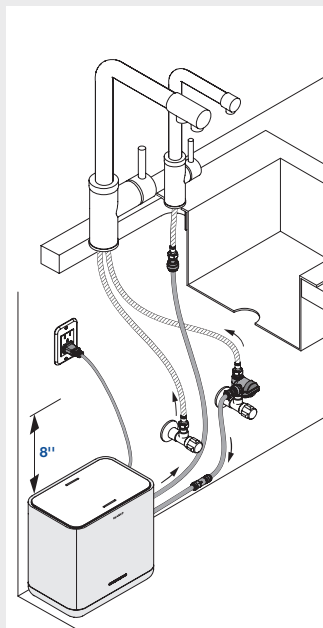


L'eau chaude s'écoule directement de la vanne d'angle vers le robinet standard.

L'eau froide est répartie par une pièce en T sur la vanne d'angle :

- L'eau s'écoule non filtrée et non désinfectée à travers la pièce en T vers le haut en direction du robinet standard.
- L'eau s'écoule par la pièce en T sur la sortie latérale pour la filtration et la désinfection vers l'appareil BLANCO AQUA UVC-AC.
- L'eau filtrée et désinfectée s'écoule de l'appareil BLANCO AQUA UVC-AC vers le robinet à boisson.

Pour le remplacement du filtre, un espace libre de 8 pouces (20 cm) au-dessus de l'appareil est nécessaire.



4.9 Application BLANCO UNIT

Pour connecter l'appareil à un smartphone ou une tablette, l'application BLANCO UNIT doit être téléchargée depuis l'AppStore ou Google Play.

Instructions pour l'utilisation de l'application BLANCO UNIT :

L'application BLANCO UNIT offre un accès complet aux fonctions numériques ainsi qu'aux options de commande et de service de votre produit BLANCO connecté, y compris des informations sur l'état des appareils et des logiciels.

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Le logiciel est disponible dans l'App Store iOS et dans l'Android Store. Pour plus d'informations sur l'utilisation de l'application, consultez la description de l'application BLANCO UNIT. L'établissement de la connexion peut prendre quelques minutes, le temps que l'appareil soit reconnu par l'application.

5. Préparer le montage

5.1 Exigence concernant le lieu de montage

- Le lieu de montage doit être propre, sec et protégé du gel.
- Une prise de courant appropriée doit être disponible sur le lieu de montage. La prise de courant doit être protégée par un dispositif différentiel résiduel (disjoncteur différentiel FI). L'installation électrique et l'installation d'eau doivent être conformes aux réglementations locales. La tension du réseau doit correspondre à la tension indiquée sur la plaque signalétique située sous l'appareil.
- Le lieu de montage doit être choisi de manière à laisser au moins 8 pouces (20 cm) libres au-dessus de l'appareil pour permettre le remplacement du filtre.
- En cas d'utilisation de l'appareil avec l'application BLANCO UNIT : Pour la connectivité complète de l'application BLANCO UNIT, un réseau Wi-Fi 2,4 GHz doit être disponible. Dans le cas contraire, l'application ne peut communiquer avec l'appareil que par Bluetooth.
- Sur le lieu de montage, le robinet doit être installé dans les règles de l'art.

5.2 Déballez l'appareil

REMARQUE !

Risque d'endommagement en cas de manipulation non conforme ! L'appareil et sa surface peuvent être endommagés lors du déballage ou du transport.

- Ne pas couper dans le carton de protection !
- Tenir à l'écart les objets qui pourraient rayer l'appareil !
- Ne pas laisser tomber l'appareil !

Déballer avec précaution l'appareil et toutes les pièces jointes. Éliminer les résidus de matériau d'emballage.

Vérifier que l'appareil et toutes les pièces livrées ne sont pas endommagés. Vérifier que la livraison est complète. Si des pièces manquent ou sont endommagées, veuillez vous adresser à notre service clientèle BLANCO.

- Vous trouverez les adresses de contact au dos de ce manuel.

En raison du contrôle de qualité effectué par le fabricant, une petite quantité d'eau peut, dans certains cas, être présente dans l'appareil et éventuellement s'en échapper. Cela n'entraîne pas de perte de qualité ou de fonctionnalité.

4 Google Play et le logo Google Play sont des marques de Google LLC ; Apple et le logo Apple sont des marques d'Apple Inc, toutes deux déposées aux États-Unis et dans d'autres pays.

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5.3 Préparation

Se familiariser avec la situation de montage et les documents liés :

- Instructions de montage et d'utilisation.
- Accessoires et instructions correspondantes.

N'utiliser que des accessoires d'origine neufs.

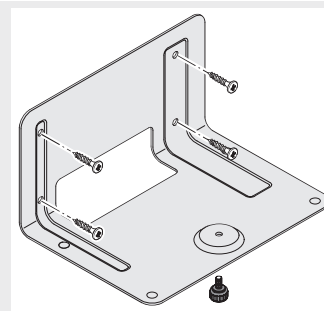
Installer l'application BLANCO UNIT.



Outils et matériaux requis :

- Seau
- Clé à molette
- Pince multiprise
- Niveau à bulle
- Cutter
- Support résistant aux coupures
- Stylo

5.4 Exigences supplémentaires pour le support mural



En cas d'utilisation du support mural disponible en option, le lieu de montage doit être choisi de manière à laisser 4 pouces (10 cm) libres en dessous du support mural pour que l'appareil puisse être monté sur le support mural à l'aide de la vis moletée.

REMARQUE !

Pour le montage du support mural, des vis⁵ doivent être fixées.

- Respecter les instructions d'installation séparées jointes au support mural !

5 Quatre vis sont fournies avec le support mural.

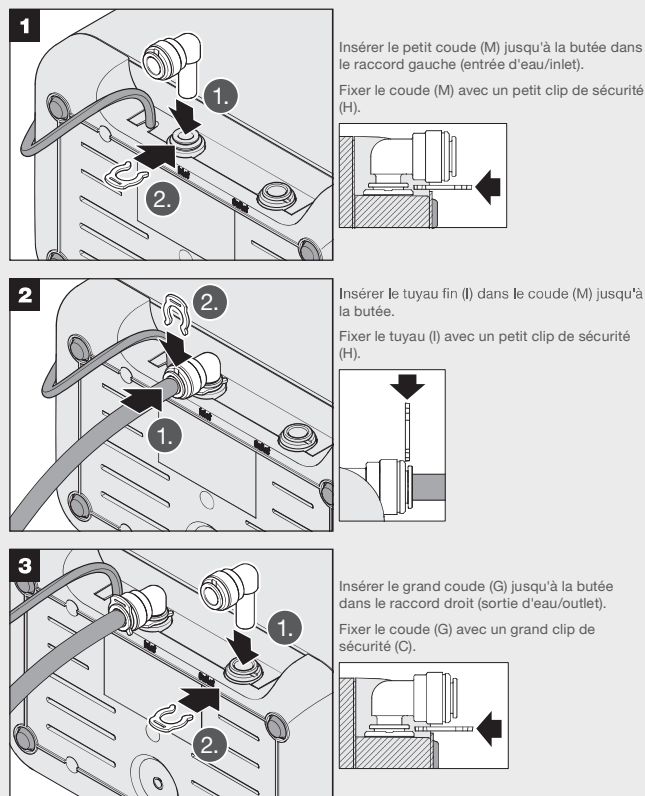
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6. Montage

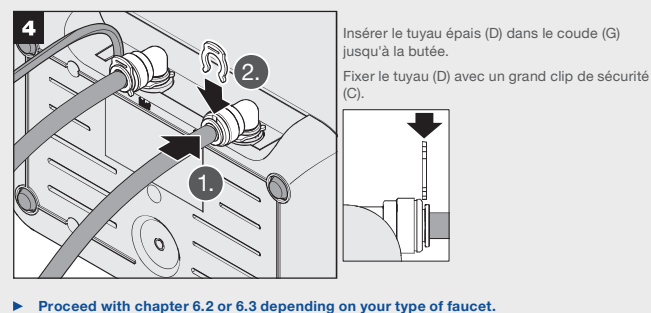
6.1 Préparer l'appareil

REMARQUE !

Ne pas brancher la fiche secteur dans la prise de courant avant d'y être invité au cours du processus de montage.

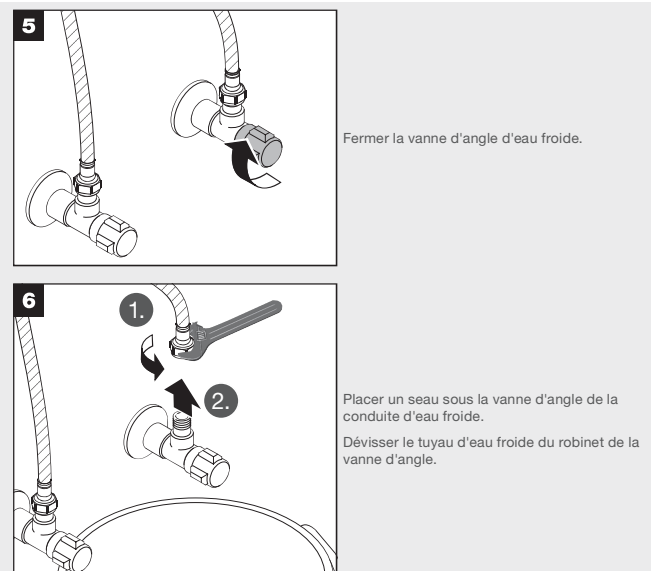


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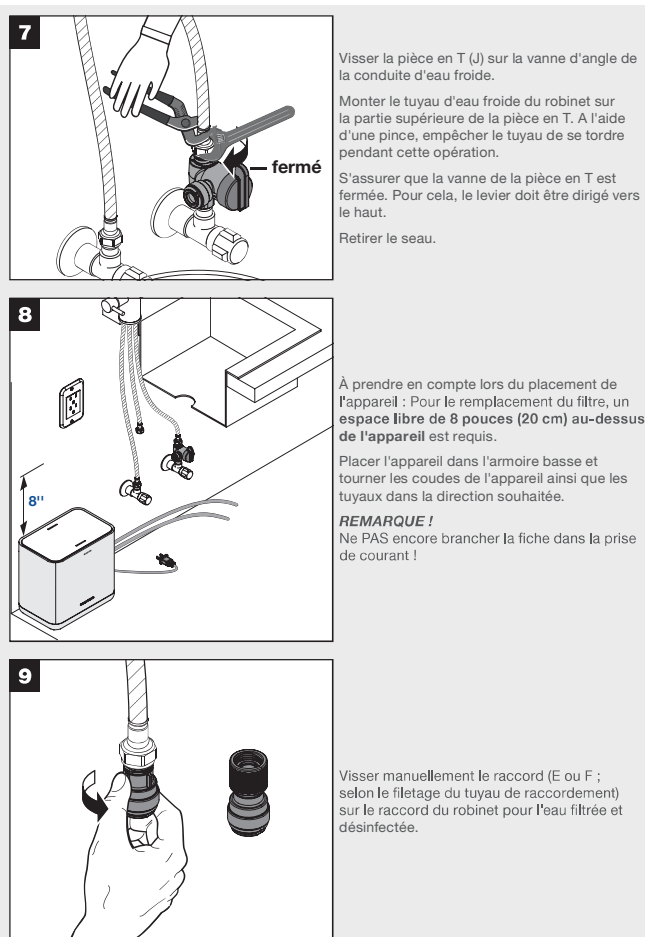


► Proceed with chapter 6.2 or 6.3 depending on your type of faucet.

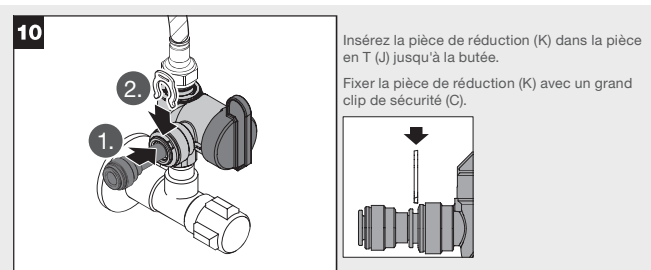
6.2 Connecter l'appareil (robinet à 3 voies)



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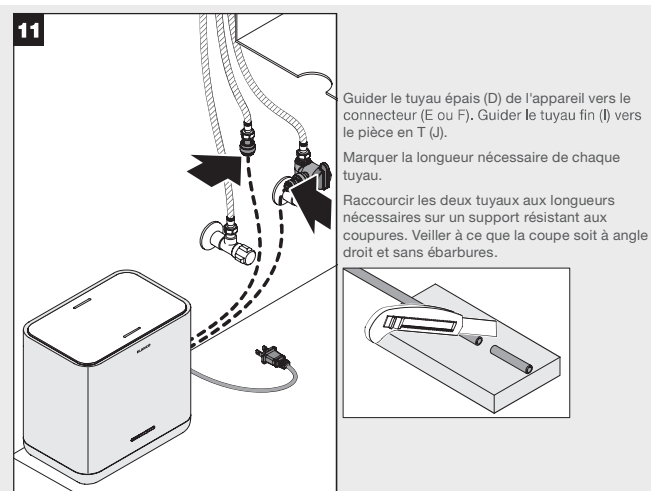


⚠ ATTENTION Risque de blessure !

Il existe un risque de blessure lors du travail avec des outils de coupe tranchants.

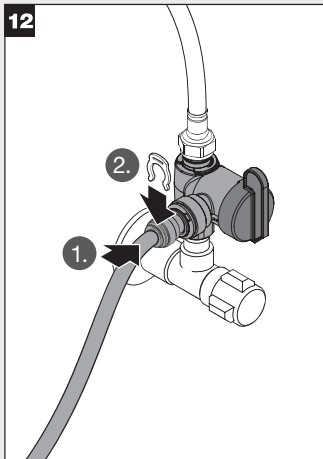
► Travailler avec une prudence accrue !

► Porter des gants de protection contre les coupures !



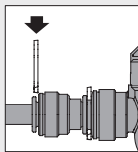
68

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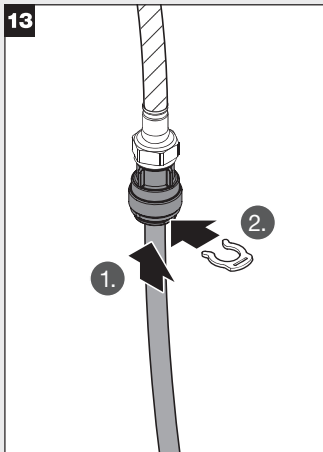


Au niveau de la pièce en T (J): Insérer le tuyau fin (I) jusqu'à la butée dans la pièce de réduction (K).

Fixer le tuyau (I) avec un petit clip de sécurité (H).

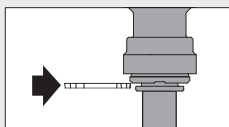


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Introduire le tuyau épais (D) dans le raccord (E ou F) jusqu'à la butée.

Fixer le tuyau (D) avec un grand clip de sécurité (C).

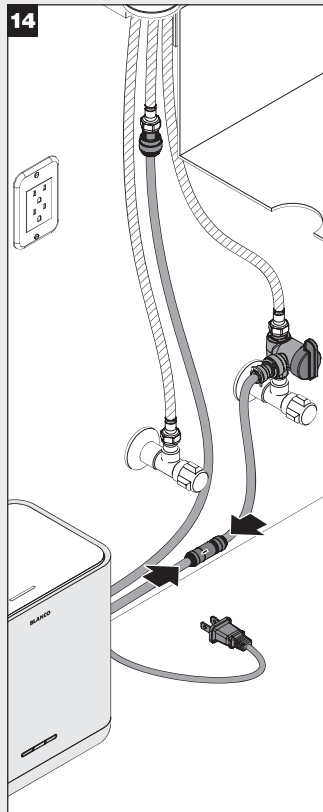


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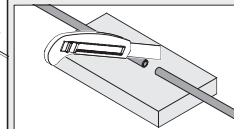
EN CAS DE RACCORDEMENT À UN RÉSEAU D'EAU POTABLE, LE SYSTÈME DOIT ÊTRE PROTÉGÉ CONTRE LE REFOULEMENT.

Si l'appareil est raccordé au réseau d'eau potable, l'installation d'un clapet anti-retour est obligatoire.

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Couper le tuyau fin (I) à l'endroit désiré où vous voulez insérer le clapet anti-retour (L). Veiller à ce que la coupe soit à angle droit et sans ébarbures.



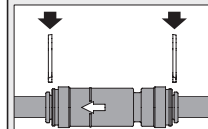
REMARQUE !

Vérifier le sens d'écoulement du clapet antiretour (L) indiqué par une flèche avant le montage !



Insérer le tuyau fin (I) dans les extrémités du clapet anti-retour (L) jusqu'à la butée.

Fixez le tuyau (I) avec un petit clip de sécurité (H) à chaque extrémité du clapet anti-retour (L).

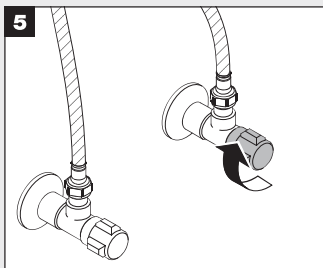


► Proceed with chapter 6.4.

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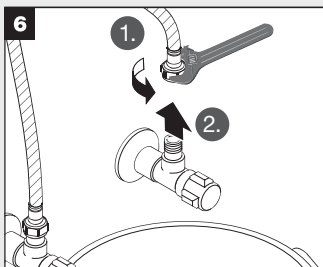
6.3 Connecter l'appareil (robinet à 2 voies avec robinet à boisson séparé)

5



Fermer la vanne d'angle d'eau froide.

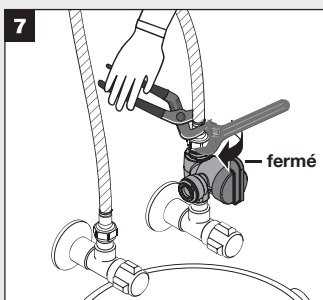
6



Placer un seau sous la vanne d'angle de la conduite d'eau froide.

Dévisser le tuyau d'eau froide du robinet de la vanne d'angle.

7



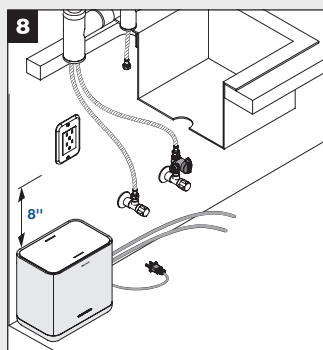
Visser la pièce en T (J) sur la vanne d'angle de la conduite d'eau froide.

Monter le tuyau d'eau froide du robinet sur la partie supérieure de la pièce en T. À l'aide d'une pince, empêcher le tuyau de se tordre pendant cette opération.

S'assurer que la vanne de la pièce en T est fermée. Pour cela, le levier doit être dirigé vers le haut.

Retirer le seau.

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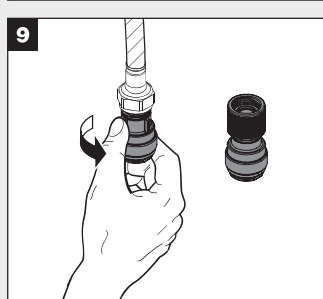


À prendre en compte lors du placement de l'appareil : Pour le remplacement du filtre, un espace libre de 8 pouces (20 cm) au-dessus de l'appareil est requis.

Placer l'appareil dans l'armoire basse et tourner les coudes de l'appareil ainsi que les tuyaux dans la direction souhaitée.

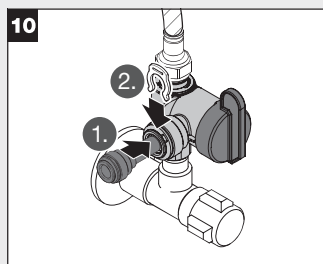
REMARQUE !

Ne PAS encore brancher la fiche dans la prise de courant !



Visser manuellement le raccord (E ou F ; selon le filetage du tuyau de raccordement) sur le raccord du robinet pour l'eau filtrée et désinfectée.

Si le robinet à boissons est déjà équipé d'un tuyau de 3/8" pour l'eau filtrée, les adaptateurs (E ou F) peuvent être omis et le tuyau peut être directement connecté à l'appareil BLANCO AQUA UVC-AC.



Insérez la pièce de réduction (K) dans la pièce en T (J) jusqu'à la butée.

Fixer la pièce de réduction (L) avec un grand clip de sécurité (C).

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